

Material Safety Data Sheets Guide (Version 6)

A guide to the development of MSDS Sheets for Cosmetic Products for use in New Zealand and Internationally based on the international 16 header format.

These guide sheets are intended to provide an adequate description for the New Zealand market and formulations described are those of the European Cosmetic Frame Formulations with this document aligned to those and in the same order as those described in the CTFA Cosmetic Code of Practice.

Those products covered by the New Zealand HSNO legislation are described within this Guide as are those classed as Therapeutic under the New Zealand Medicines Act. Those products covered in the latter legislation may not need to comply to the HSNO legislation if registration as a Medicine is required.

This document was last revised in March 2015

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Note:

MSDS and coverage of products such as Anti-dandruff shampoo, Lice treatments and products registered as a medicine are not covered in this code as these currently fall under the Medicines Act and cannot be covered by a generic description or compliance code.

Appendix 2.1 – Shampoo – Liquid and Cream Material Safety Data Sheet for Product Use

Section 1: Identification of the substance/mixture					
Product Name:	Product Name: Shampoo				
Recommended Use	Personal hair cleaning				
Product description	Viscous liquid or cream				
·	Cosmetic Preparation				
	Concentration in use 100%				
	Packaged in small consumer quantitie	es			
Company Details	Cosmetic Toiletry and Fragrance Asse				
Address	Private Bag 92-066, 159 Khyber Pass		ıd		
Telephone Number	09-3670913				
Emergency Telephone	National Poison Information centre. P	hone 0800-764	766		
Number					
Date of Preparation	31 March 2015				
	Section 2: Hazards Identification				
Hazard Classification	Classification Category 6.4 Irritant to I	Eyes			
	Classification Category 9.1D Ecotoxic	to aquatic env	ironment		
	Risk statements: R36 and R53 (in bul	k quantities on	ly)		
	Safety statements: S25 and S61 (in b	ulk quantities o	nly)		
	Eyes: Splashes in the eye may cause	stinging sensa	ition and		
	tears. Transient reddening of the eye	may also occur	ſ		
	Swallow: Low toxicity by the oral route	Э			
	Skin: Prolonged and repeated skin contact should be avoided				
	Inhaled: No appreciable irritation is expected by this route				
Required identification	None required				
Details					
	<u>s: Composition/information on in</u>	ngredients			
Classification and type	HSNO Class 6.4 and 9.1D				
Mixture	Ingredient	CAS No	% W/W		
	Anionic surfactants (e.g.	0110110	<30		
	sodium/ammonium/TEA lauryl sulfates,				
	sodium/ammonium/TEA laureth				
	sulfates)				
	Amphoteric surfactants (e.g. betaine		<20		
	derivatives)		1		
	Non-ionic surfactants (e.g fatty <15 alkanolamides)				
	,		<10		
	propylene glycol, PEG)				
	Cationic surfactants $\geq C_{12}$ (e.g.		<5		
	stearamidopropyl dimethylamine,				
	distearyldimonium chloride)				

	Hair conditioning agents (e.g. silicone derivatives, cysteine derivatives, cellulose derivatives, fatty acid esters)				
	each up to				
	Additional ingredients (e.g. UV filters, pearlescent agents, opacifying agents) each up to				
	Preservatives, antimic		<1		
	Chelating agents (e.g.		<0.5		
	Aqua		to 100		
	Other ingredients de	termined not to be hazardous	to 100		
	Section 4: First	Aid Measure			
Description of necessary	Swallowed:	If swallowed do not induce vo	miting Give		
first aide measures	Swallowed.	a glass of water. Seek medica or phone the National Poison	al attention		
		centre. Phone 0800-764766			
	Eyes:	If in eyes, hold eyes open, floo	od with		
		water for at least 15 minutes a			
		Doctor if pain persists.			
	Skin:	Wash affected area with wate	r.		
	Inhaled:	Remove from further exposure	е		
Workplace facilities		for rinsing of eyes or skin			
Required instructions	None				
Notes for medical personal Treat symptomatically. If in eyes, recheck after one week.					
	່ Section 5: Fire-Fiເ	hting measure			
Type of hazard	Not Flammable				
Fire hazard properties	Not applicable				
Extinguishing media & methods	The material is not fl dry chemical, CO ₂ o	ammable. In case of fire water, r foam can be used.	water fog,		
Recommended Protective Clothing	Not required				
Sec	l tion 6: Accidenta	I Release Measure			
Procedures to be	1	Remove possible leaking contain	ners. Mop		
covered	up small spills.		4		
	For larger spills absorb in inert material (sand or vermiculate).				
	Dispose of in accordance with local regulations				
	Section 7: Handlin	ng and Storage			
Subsection 1					
Handling Practices	worn w	s (vinyl, rubber or plastic) are re when prolonged contact with the ged. Disposable gloves must no	product is		
	Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.				

	Flammability: Product is	not flammable			
Subsection 2					
Store site requirements	Store product in a cool place out of sun and away from food stuffs.				
Packaging	of withstanding a drop of	s but should be leak proof and capable of .5 meters without breakage eact with packaging material			
		Personal Protection			
	e Exposure Guidelines	(may also be in section 2)			
Workplace exposure	EXPOSURE LIMITS:	NZOSH*			
standards	*New Zealand workplace Ex	posure Standards			
Application in the workplace					
Exposure Standards outside the workplace	Not applicable				
Subsection 2: Engineeri					
Hierarchy of controls measures	None required				
Exposure control measures	None required				
No Hazard indication	No Hazard indication is	required			
Ventilation specification	None required				
Subsection 3: Personal					
Detail specifications for equipment	Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.				
Specific route of	ACUTE EFFECTS:				
exposure	Swallow:	Harmful if swallowed. Product may cause irritation of the gastrointestinal tract.			
	Eye:	Irritant to the eye.			
	Skin:	Prolonged skin contact may cause			
	skin irritation. Inhaled: No appreciable irritation is expected by this route				
	CHRONIC EFFECTS:	May produce dermatitis on repeated or prolonged contact with skin			
General Hygiene	General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated.				
Section 9: Physical and Chemical Properties					
Specific Data for the product not the APPEARANCE: Viscous liquid Approx. 100°C					

individual components	FLASH POINT:	Not flammable		
·	VAPOUR PRESSURE:	Not Determined		
	SPECIFIC GRAVITY:	1.0 - 1.10 g/mL		
	FLAMMABILITY LIMITS:	Not Applicable		
	pH:	4.5 - 7.5		
	SOLUBILITY IN WATER:	Completely soluble		
Required Specifications	Not applicable			
Further specifications	Not applicable			
Specific advice	Not applicable			
	4 40 - 04 - 1- 114 1	D 45 - 14		
	ection 10: Stability and	Reactivity		
Stability of the	Product is stable			
substance				
Conditions to Avoid	Not applicable			
Material to avoid	Not applicable			
Hazardous	None known			
decomposition Products				
Specific Data	None known			
Sec	ction 11: Toxicological	Information		
Data and interpretation		ct may cause irritation of the		
·	gastrointestinal tract.	•		
	Irritant to the eye.			
	Long term or repeated skin contact may lead to dermatitis.			
Summaries data	Not available			
Format	Not available			
	ection 12: Ecotoxicity In			
Potential Environmental		to incur environmental harm in		
Interactions	normal dilution and usage.			
Data Organisation				
Environmental risk	Not required			
phrases				
90	ction 13: Disposal Cons	siderations		
Disposal information		sed to treated wastewater systems		
Disposai illioilliation		•		
		ned landfill or approved incineration		
Relevant information	system or in accordance with normal commercial procedures			
TOGVAIR IIIIOIIIIARIOII				
Section 14: Transport Information				
Relevant Information	None required			
Other requirements	·			
·				
Section 15: Regulatory Information				
Regulatory Status	HSNO Regulations			

	The HSNO Approval Number for the Cosmetic Group				
	Standard is HSR002552				
	Classes 6, and 9 of control regulations				
	 Regulations 11-27, 7, 10, 32-45, 50-51 				
	Identification Regulations				
	• Regulations 6,7,32-35,36(1)-(7)				
	 Regulations 25, 29-31,37-39,47-50, 51,52 				
	Packaging Regulations				
	• Regulations 5,6,7(1),8, 9				
	• Schedule 3				
	Disposal Regulations				
	• Regulations 8, 9, 10, 11, 12, 13, 14				
	Emergency Management				
	• Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-				
	41, 42				
	Tracking:				
	Not applicable				
	• Not applicable				
	Approved Handlers:				
	''				
Cymbolo	Not applicable None Required				
Symbols	None Required				
Risk Phrases	R36 and R53 (in bulk quantities only)				
Safety Phrases	S25 and S61 (in bulk quantities only)				
	Section 16: Other Information				
Additional Information	None applicable				

Appendix 2.2 – Soap Shampoo Material Safety Data Sheet for Product Use

Section 1: Identification of the substance/mixture					
Product Name:	Soap Shampoo				
Recommended Use	Personal hair cleaning				
Product description	Gel/cream or soft ca				
·	Cosmetic Preparatio	n			
	Concentration in use				
	Packaged in small c	onsumer quantitie	es		
Company Details	Cosmetic Toiletry an	d Fragrance Ass	ociation Inc.		
Address	Private Bag 92-066,			nd	
Telephone Number	09-3670913	,			
Emergency Telephone	National Poison Info	rmation centre. P	hone 0800-764	1766	
Number					
Date of Preparation	31 March 2015				
	Section 2: Hazard	s Identificatio	n		
Hazard Classification	Classification Category				
	Classification Category				
	Risk statements: R3	6 and R53 (in bul	k quantities on	ly)	
	Safety statements: S	S25 and S61 (in b	ulk quantities of	only)	
	Eyes: Splashes in th	e eye may cause	stinging sensa	ation and	
	tears. Transient redo	dening of the eye	may also occu	r	
	Swallow: Low toxicity by the oral route				
	Skin: Prolonged and repeated skin contact should be avoided				
	Inhaled: No appreciable irritation is expected by this route				
Required identification	None required				
Details	·				
Section 3	: Composition/info	ormation on i	ngredients		
Classification and type	HSNO Class 6.4 and	d 9.1D			
Mixture	Ingredi	ent	CAS No	% W/W	
	Vegetable soap ba		0,10110	<70	
	sodium/potassium stea				
	sodium/potassium lau				
	Ethanol (alcohol, alcol			<30	
	Plant extracts <10				
	Essential oils <1				
	Other ingredients determined not to be hazardous to 100				
	Cootion to First	Aid Massure			
Decembring of the control	Section 4: First		n at in diversity	aitina ar Oireir	
Description of necessary					
first aide measures a glass of water. Seek medical attention					
	or phone the National Poison Information			ntormation	
centre. Phone 0800-764766					

	Eyes:	If in eyes, hold eyes open, flood with	
		water for at least 15 minutes and see a	
		Doctor if pain persists.	
	Skin:	Wash affected area with water.	
	Inhaled:	Remove from further exposure	
Workplace facilities	Availability of	water for rinsing of eyes or skin	
Required instructions	None		
Notes for medical personal	Treat symptor	natically. If in eyes, recheck after one week.	
;	Section 5: Fire	re-Fighting measure	
Type of hazard	Not Flammabl	e	
Fire hazard properties	Not applicable		
Extinguishing media & methods		s not flammable. In case of fire water, water fog, CO ₂ or foam can be used.	
Recommended Protective Clothing	Not required		
Sec	tion 6: Accid	lental Release Measure	
Procedures to be	Spills are slips	pery. Remove possible leaking containers. Mop	
covered	up small spills		
		Is absorb in inert material (sand or vermiculate).	
		accordance with local regulations	
		gunania a a a a a a a a a a a a a a a a a	
	Section 7: Ha	andling and Storage	
Subsection 1		and otorage	
Handling Practices	Skin: 0	Gloves (vinyl, rubber or plastic) are recommended	
Transming Fractices		worn when prolonged contact with the product is	
		envisaged. Disposable gloves must not be latex	
		Eye protection should be worn (safety glasses) to	
		avoid product contacting the eyes.	
		Product is not flammable	
Subsection 2	Trianniability.	1 TOUGE IS NOT HAITHINADIC	
Store site requirements	Store product	in a cool place out of sun and away from food	
Store site requirements	stuffs.	in a cool place out of suit and away from 1000	
Packaging	No special rec	quirements but should be leak proof and capable	
		g a drop of .5 meters without breakage	
	1	ould not react with packaging material	
Section	8: Exposure	Control/Personal Protection	
		uidelines (may also be in section 2)	
Workplace exposure			
standards			
Application in the	*New Zealand workplace Exposure Standards		
workplace Exposure Standards	Not applicable		
. –			
outside the workplace	Not applicable	•	

Subsection 2: Engineer	ing Controls				
Hierarchy of controls	None required				
measures	•				
Exposure control	None required				
measures					
No Hazard indication	No Hazard indication is	requi	ired		
Ventilation specification	None required				
Subsection 3: Personal					
Detail specifications for equipment	worn wher envisaged Eyes: Eye proted avoid prod	Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex			
Specific route of	ACUTE EFFECTS:				
exposure	Swallow:	caus trac			
	Eye:		ant to the eye.		
	Skin:		longed skin contact may cause		
	Inhaled:	_	i irritation. appreciable irritation is expected		
	by this route				
	CHRONIC EFFECTS: May produce dermatitis on repeated or prolonged contact with skin				
General Hygiene	Wash or rinse any exposure from skin. Do not re-use gloves				
	directly contaminated.				
Sectio	n 9: Physical and Ch	emi	cal Properties		
Specific Data for the	APPEARANCE:		Viscous liquid		
product not the	BOILING POINT:		Approx. 100°C		
individual components	FLASH POINT:		Not flammable		
	VAPOUR PRESSURE:		Not Determined		
	SPECIFIC GRAVITY:	_	1.0 - 1.10 g/mL		
	FLAMMABILITY LIMITS	S:	Not Applicable		
	pH: SOLUBILITY IN WATE	ъ.	4.5 - 7.5 Completely soluble		
Required Specifications		11.	Completely soluble		
Further specifications	Not applicable				
Specific advice	Not applicable Not applicable				
Oposino davido	110ι αρριιοασίο				
Section 10: Stability and Reactivity					
Stability of the	Product is stable				
substance					
Conditions to Avoid	Not applicable				
Matarial to avaid	Not applicable None known				
Material to avoid Hazardous					

decomposition Products					
Specific Data	None known				
Section 11: Toxicological Information					
Data and interpretation	Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Irritant to the eye. Long term or repeated skin contact may lead to dermatitis.				
Summaries data	Not available				
Format	Not available				
S	ection 12: Ecotoxicity Information				
Potential Environmental Interactions Data Organisation Environmental risk	Bio degradable and unlikely to incur significant environmental harm in normal dilution and usage. Not required				
phrases	Not required				
Se	ction 13: Disposal Considerations				
Disposal information	Surplus contents may be rinsed to treated wastewater systems Dispose large volumes to lined landfill or approved incineration system or in accordance with normal commercial procedures				
Relevant information					
	Section 14: Transport Information				
Relevant Information	None required .				
Other requirements					
S	ection 15: Regulatory Information				
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6, and 9 of control regulations • Regulations 11-27, 7, 10, 32-45, 50-51 Identification Regulations • Regulations 6,7,32-35,36(1)-(7) • Regulations 25, 29-31,37-39,47-50, 51,52 Packaging Regulations • Regulations 5,6,7(1),8, 9 • Schedule 3 & 4 Disposal Regulations • Regulations 8, 9, 10, 11, 12, 13, 14 Emergency Management • Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42 Tracking:				

	Not applicable		
	Approved Handlers:		
	Not applicable		
Symbols	None required		
Risk Phrases	R36 and R53 (in bulk quantities only)		
Safety Phrases	S25 and S61 (in bulk quantities only)		
	Section 16: Other Information		
Additional Information	None applicable		

Appendix 2.3 – Shampoo Plus Conditioning Lotion Material Safety Data Sheet for Product Use

Section 1: Identification of the substance/mixture					
Product Name:	Product Name: Shampoo/Conditioner				
Recommended Use	Personal hair cleaning and conditioning	ng agent			
Product description	Viscous Liquid	<u> </u>			
	Cosmetic Preparation				
	Concentration in use 100%				
	Packaged in small consumer quantitie	es			
Company Details	Cosmetic Toiletry and Fragrance Asse				
Address	Private Bag 92-066, 159 Khyber Pass		d		
Telephone Number	09-3670913				
Emergency Telephone	National Poison Information centre, P	hone 0800-764	766		
Number					
Date of Preparation	31 March 2015				
	Section 2: Hazards Identification	n			
Hazard Classification	Classification Category 6.4 Irritant to I	Eyes			
	Classification Category 9.1D Ecotoxic		ironment		
	Risk statements: R36 and R53 (in bul	•			
	Safety statements: S25 and S61 (in b				
	Eyes: Splashes in the eye may cause				
	tears. Transient reddening of the eye				
	Swallow: Low toxicity by the oral route	9			
	Skin: Prolonged and repeated skin contact should be avoided				
	Inhaled: No appreciable irritation is expected by this route				
Required identification	None required				
Details					
Section 3	: Composition/information on ir	ngredients			
Classification and type	HSNO Class 6.4 and 9.1D				
Mixture	Ingredient	CAS No	% W/W		
Wilktore	Anionic surfactants (e.g. sodium	0/10/110	<20		
	laureth sulfate)		20		
	Non-ionic surfactants (e.g. sodium		<20		
	dodecylbenzenesulfonate)				
	Amphoteric surfactants (e.g. betaine <20				
	derivatives)				
	Viscosity controlling agents (e.g. fatty				
	alcohols, stearyl alcohol)				
	Oils, waxes (e.g. mineral oil)				
	,		<10 <5		
Cationic surfactants \geq C ₁₂ (e.g. <5 distearyldimonium chloride)					
	Cationic polymers (e.g.		<5		
	polymore (c.g.		<u> </u>		

	T		1	
	polyquaternium-11)		_	
	Humectants, emollients (e.g. <i>glycerin</i>)			
	Additional ingredients (e.g. UV filters,			
	pearlescent agents)			
	Preservatives, antimicrobials <1			
	Cosmetic colorants <1			
	Chelating agents		<0.5	
	<i>Parfum</i> <0.5 < to 100			
		etermined not to be hazardous	to 100	
	Other ingredients de	etermined not to be nazardous	10 100	
	Section 4: First	Aid Measure		
Description of necessary	Swallowed:	If swallowed do not induce vom	nitina. Give	
first aide measures		a glass of water. Seek medical		
		or phone the National Poison Ir		
		centre. Phone 0800-764766		
	Eyes:	If in eyes, hold eyes open, floor	d with	
	_, _, _,	water for at least 15 minutes ar		
		Doctor if pain persists.	555 4	
	Skin:	Wash affected area with water.		
	Inhaled:	Remove from further exposure		
Workplace facilities		•		
Required instructions	Availability of water for rinsing of eyes or skin None			
Notes for medical				
	Treat symptomatically. If in eyes, recheck after one week.			
personal				
Section 5: Fire-Fighting measure				
Type of hazard	Not Flammable			
Fire hazard properties	Not applicable			
Extinguishing media &		lammable. In case of fire water, v	vater for	
methods		or foam can be used.	vator rog,	
Recommended	Not required			
Protective Clothing	Trot required			
1 TOLECTIVE CIDITINIS				
Sec	tion 6: Accidenta	l Release Measure		
Procedures to be		Remove possible leaking containe	ers. Mon	
covered	up small spills.	and the property of the proper	··· • p	
	' '	orb in inert material (sand or verr	miculate)	
		dance with local regulations		
	2.00000 01 111 000010	adilio mini local logalationo		
9	Section 7: Handli	ng and Storage		
Subsection 1				
Handling Practices	Skin: Glove:	s (vinyl, rubber or plastic) are rec	ommended	
	worn when prolonged contact with the product is			
	envisaged. Disposable gloves must not be latex			
	Eyes: Eye protection should be worn (safety glasses) to			
		product contacting the eyes.	giasses) io	
	Flammability: Product is not flammable			

Subsection 2			
Store site requirements	Store product in a cool stuffs.	place out of sun and away from food	
Packaging	of withstanding a drop of	s but should be leak proof and capable of .5 meters without breakage react with packaging material	
Continu	O. Evmaaiira Camtral	/Davaged Drataction	
		/Personal Protection (may also be in section 2)	
Workplace exposure	EXPOSURE LIMITS:	NZOSH*	
standards	*New Zealand workplace Ex		
Application in the workplace	Now Zoulding Workplace Ex	podaro stariada	
Exposure Standards outside the workplace	Not applicable		
Subsection 2: Engineer			
Hierarchy of controls measures	None required		
Exposure control measures	None required		
No Hazard indication	No Hazard indication is required		
Ventilation specification	None required		
Subsection 3: Personal			
Detail specifications for equipment	Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.		
Specific route of	ACUTE EFFECTS:		
exposure	Swallow:	Harmful if swallowed. Product may cause irritation of the gastrointestinal tract.	
	Eye:	Irritant to the eye.	
	Skin:	Prolonged skin contact may cause skin irritation.	
	Inhaled:	No appreciable irritation is expected by this route	
	CHRONIC EFFECTS:	May produce dermatitis on repeated or prolonged contact with skin	
General Hygiene	Wash or rinse any expo directly contaminated.	sure from skin. Do not re-use gloves	
Sectio	n 9: Physical and Cl	nemical Properties	
Specific Data for the	APPEARANCE:	Viscous liquid	
product not the	BOILING POINT:	Approx. 100°C	
individual components	FLASH POINT:	Not flammable	

	VAPOUR PRESSURE:	Not Determined		
	SPECIFIC GRAVITY:	Not Determined		
		1.0 - 1.10 g/mL		
	FLAMMABILITY LIMITS:	Not Applicable		
	pH:	4.5 - 7.5		
Descriped Considerations	SOLUBILITY IN WATER:	Completely soluble		
Required Specifications	Not applicable			
Further specifications	Not applicable			
Specific advice	Not applicable			
9	oction 10: Stability and	Poactivity		
	ection 10: Stability and Product is stable	Reactivity		
Stability of the	Product is stable			
substance	Not applicable			
Conditions to Avoid	Not applicable			
Material to avoid	Not applicable			
Hazardous	None known			
decomposition Products	None lancius			
Specific Data	None known			
Soci	ption 11: Toyinglagical	Information		
	ction 11: Toxicological			
Data and interpretation		ct may cause irritation of the		
	gastrointestinal tract.			
	Irritant to the eye.			
O	Long term or repeated skin contact may lead to dermatitis. Not available			
Summaries data				
Format	Not available			
9,	│ ection 12: Ecotoxicity In	formation		
Potential Environmental				
Interactions	Bio degradable and unlikely to incur environmental harm in normal dilution and usage. Minor risk with bulk exposure			
Data Organisation	Hormal dilution and usage.	willor fisk with balk exposure		
Environmental risk	Not required			
	Not required			
phrases				
Section 13: Disposal Considerations				
Disposal information		sed to treated wastewater systems		
		ned landfill or approved incineration		
		h normal commercial procedures		
Relevant information	- Jete c decordance with			
Section 14: Transport Information				
Relevant Information	None required			
Other requirements				
	ection 15: Regulatory In	formation		
Regulatory Status	HSNO Regulations			
	The HSNO Approval Num	nber for the Cosmetic Group		

	Standard is HSR002552 Classes 6, and 9 of control regulations • Regulations 11-27, 7, 10, 32-45, 50-51		
	Identification Regulations		
	• Regulations 6,7,32-35,36(1)-(7)		
	 Regulations 25, 29-31,37-39,47-50, 51,52 		
	Packaging Regulations		
	• Regulations 5,6,7(1),8, 9		
	Schedule 3 & 4		
	Disposal Regulations		
	• Regulations 8, 9, 10, 11, 12, 13, 14		
	Emergency Management		
	• Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42		
	Tracking:		
	Not applicable		
	Approved Handlers:		
	Not applicable		
Symbols	None Required		
Risk Phrases	R36 and R53 (in bulk quantities only)		
Safety Phrases	S25 and S61 (in bulk quantities only)		
	Section 16: Other Information		
Additional Information	None applicable		

Appendix 2.4 - Conditioners Material Safety Data Shoot for

Material Safety Data Sheet for Product Use

	Jaiety Data Sileet for Fi			
	1: Identification of the substanc	e/mixture		
Product Name:	Conditioner			
Recommended Use	To condition and beautify hair after cle	eansing		
Product description	Viscous liquid			
	Cosmetic Preparation			
	Concentration in use 100%			
	Packaged in small consumer quantitie	es		
Company Details	Cosmetic Toiletry and Fragrance Association Inc.			
Address	Private Bag 92-066, 159 Khyber Pass	Road Aucklan	d	
Telephone Number	09-3670913			
Emergency Telephone Number	National Poison Information centre. P	hone 0800-764	766	
Date of Preparation	31 March 2015			
•				
	Section 2: Hazards Identification	n		
Hazard Classification	Classification Category 6.4 Irritant to I			
	Classification Category 9.1D Ecotoxic		ironment in	
	large volumes			
	Risk statements: R36 and R53 (in bul	k quantities onl	V)	
	Safety statements: S25 and S61 (in b	•	,	
	Eyes: Splashes in the eye may cause	•	• ,	
	tears. Transient reddening of the eye may also occur			
	Swallow: Low toxicity by the oral route			
	Skin: : No appreciable irritation is expected by this route			
	however repeated skin contact should be avoided			
	Inhaled: No appreciable irritation is expected by this route			
Required identification	None required			
Details				
Section 3	: Composition/information on ir	naredients		
Classification and type	HSNO Class 6.4 and 9.1D	<u> </u>		
Mixture	Ingredient	CAS No	% W/W	
	Oils, waxes (mineral and vegetable),		<20	
	silicones and fatty alcohols			
	(e.g. petrolatum, triticum vulgare,			
	amodimethicone, cetearyl alcohol)			
	Ethanol (alcohol, alcohol denat.) <15			
	Emulsifying agents (e.g. ceteth-30,			
	cetyl alcohol)			
	Amphoteric surfactants (e.g. betaines <10			
	Additional ingredients (e.g. proteins, chelating agents, pearlescent agents)			
	Cationic surfactants $\geq C_{12}$ (e.g. <5			
	cetrimonium chloride)			
	Emollients, humectants (e.g. <i>glycerin</i> ,			
	Linoments, numectants (e.g. grycenii,			

			I	
	propylene glycol) <5			<5
		Viscosity controlling agents (e.g.		
	carbomer, hydroxyeth	•		<5
	Polymers, resins (e.g 10, polyquaternium-11			-5
	butyl ester of PVM/MA			<5
	Parfum	(copolylliel)		
	UV filters			<3
	Preservatives, antimic	rohials		<1
	Cosmetic colorants	, oblaid		<1
	Aqua			<1
				to 100
	Other ingredients de	termined not to b	e hazardous	to 100
	Other mgreaterite ac		o nazaraoao	10 100
	Section 4: First	Aid Massura		
Description of necessary	Swallowed:	If swallowed do	not induce year	iting Give
first aide measures	owalloweu.			•
mot alue measures	Even:	a glass of water		
	Eyes:	If in eyes, hold e		
		water for at leas		d see a
		Doctor if pain pe		
	Skin:	Remove contan		and wash
	Inhaled:	affected area wi		
		Remove from fu		
Workplace facilities	Availability of water	for rinsing of eyes	s or skin	
Required instructions	None			
Notes for medical	Treat symptomatical	ly. If in eyes, rech	neck after one w	reek.
personal				
	Section 5: Fire-Fighting measure			
Type of hazard	Not Flammable			
Fire hazard properties	Not applicable			
Extinguishing media &	The material is not flammable. In case of fire, water, water fog,			
methods	dry chemical, CO ₂ or foam can be used.			
Recommended	Not required			
Protective Clothing	1 - 1 - 1			
3322332 23 23 333				
Sec	tion 6: Accidenta	Release Mea	sure	
Procedures to be	Spills are slippery. R			ers. Mon
covered	up small spills.	Contro poddibio	January Johnson	
	For larger spills absorb in inert material (sand or vermiculate).			
	Dispose of in accordance with local regulations			
	Dispose of in accordance with local regulations			
Section 7: Handling and Storage				
Subsection 1		ig and otorag		
Handling Practices	Skin: Gloves	(vinyl rubber or	nlactic) are reco	ommended
Transming Fractices	Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is			
			•	
	envisaged. Disposable gloves must not be latex			
	Eyes: Eye protection should be worn (safety glasses) to			

Subsection 2 Store site requirements Store product in a cool place out of sun and away from food stuffs. Packaging General Packaging Requirements HSNO P1 & P3 Packaging is able to handle drop of 0.5m without leakage Packaging will not react with mixture or ingredients Section 8: Exposure Control/Personal Protection Subsection 1: Workplace Exposure Guidelines (may also be in section 2) Workplace exposure standards Workplace Exposure Guidelines (may also be in section 2) Workplace exposure Standards Not applicable *New Zealand workplace Exposure Standards Application in the workplace Exposure Standards outside the workplace Subsection 2: Engineering Controls Hierarchy of controls measures Exposure control measures None required None required None required Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment Subsection 3: Personal Protective Equipment (PPE) Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex worn when prolonged contact with the product is avoid product contacting the eyes. Specific route of exposure Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is avoid product contacting the eyes. Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Irritant to the eye. Skin: Prolonged skin contact may cause skin irritation. Inhaled: None known		avoid prog	dust contacting the even		
Subsection 2 Store site requirements Store product in a cool place out of sun and away from food stuffs. Packaging General Packaging Requirements HSNO P1 & P3 Packaging is able to handle drop of 0.5m without leakage Packaging will not react with mixture or ingredients Section 8: Exposure Control/Personal Protection		avoid product contacting the eyes.			
Store site requirements Store product in a cool place out of sun and away from food stuffs. General Packaging Requirements HSNO P1 & P3 Packaging is able to handle drop of 0.5m without leakage Packaging will not react with mixture or ingredients Section 8: Exposure Control/Personal Protection Subsection 1: Workplace Exposure Guidelines (may also be in section 2) Workplace exposure standards Workplace exposure Standards Not applicable *New Zealand workplace Exposure Standards Application in the workplace Exposure Standards outside the workplace Subsection 2: Engineering Controls Hierarchy of controls measures Exposure control measures No Hazard indication No Hazard indication No Hazard indication Ventilation specification Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment Skin: Gloves (vinyl, rubber or plastic) are recommender worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Irritant to the eye. Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known	Subsection 2	Tiaminability. Froduct is	S HOL HAITIMADIC		
Packaging General Packaging Requirements HSNO P1 & P3 Packaging is able to handle drop of 0.5m without leakage Packaging will not react with mixture or ingredients Section 8: Exposure Control/Personal Protection Subsection 1: Workplace Exposure Guidelines (may also be in section 2) Workplace exposure standards		Store product in a cool	place out of sun and away from food		
Packaging is able to handle drop of 0.5m without leakage Packaging will not react with mixture or ingredients Section 8: Exposure Control/Personal Protection Subsection 1: Workplace Exposure Guidelines (may also be in section 2) Workplace exposure standards Not application in the workplace Exposure Standards Outside the workplace Subsection 2: Engineering Controls Hierarchy of controls measures Exposure control Mone required Mone required Mone required Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment Skin: Gloves (vinyl, rubber or plastic) are recommender worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Irritant to the eye. Skin: Prolonged skin contact may cause skin irritation. Inhaled: No appreciable irritation is expected by this route CHRONIC EFFECTS: None known	•	•			
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None required	Exposure Standards	Not applicable			
Hierarchy of controls measures Exposure control measures None required Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment Equipment Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Skin: Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known	outside the workplace				
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No Hazard indication Ventilation specification Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Skin: Prolonged skin contact may cause skin irritation. Inhaled: No appreciable irritation is expected by this route CHRONIC EFFECTS: None known	measures	·			
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None required Subsection 3: Personal Protective Equipment (PPE)	measures	,			
Detail specifications for equipment Betail specifications for equipment (PPE) Betail specification is expected by this route Betail specifications for equipment (PPE) Betail specification is expected worn (safety glasses) to envisaged. Disposable gloves must not be latex envisaged. Disposable gloves must not be latex. Betail specification is expected by this route Betail specification is expected by this route CHRONIC EFFECTS: None known	No Hazard indication	No Hazard indication is required			
Detail specifications for equipment Betail specifications for equipment (PPE) Betail specification is expected by this route Betail specifications for equipment (PPE) Betail specification is expected worn (safety glasses) to envisaged. Disposable gloves must not be latex envisaged. Disposable gloves must not be latex. Betail specification is expected by this route Betail specification is expected by this route CHRONIC EFFECTS: None known	Ventilation specification	,			
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envisaged. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Irritant to the eye. Skin: Prolonged skin contact may cause skin irritation. Inhaled: No appreciable irritation is expected by this route CHRONIC EFFECTS: None known	equipment	worn whe	n prolonged contact with the product is		
Specific route of exposure ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Skin: Prolonged skin contact may cause skin irritation. Inhaled: No appreciable irritation is expected by this route CHRONIC EFFECTS: None known	• •				
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Eye: Skin: Inhaled: CHRONIC EFFECTS: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Irritant to the eye. Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route None known	Specific route of				
cause irritation of the gastrointestinal tract. Eye: Skin: Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known	•	Swallow:	Harmful if swallowed. Product may		
Eye: Skin: Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known	•		1		
Skin: Inhaled: Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known					
Skin: Inhaled: Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known		Eye:	Irritant to the eye.		
Inhaled: Skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known			,		
by this route CHRONIC EFFECTS: None known					
by this route CHRONIC EFFECTS: None known		Inhaled:	No appreciable irritation is expected		
		CHDONIC EFFECTS:	None known		
General Hygiene Wash or ringe any exposure from skin. Do not re use gloves		CHRONIC EFFECTS: None known			
General rygiene wash of thise any exposure holl skill. Do not re-use gioves	General Hygiene	Wash or rinse any exposure from skin. Do not re-use gloves			
directly contaminated.	, G				
Section 9: Physical and Chemical Properties					

0 10 0 1 1	4005404105	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
Specific Data for the	APPEARANCE:	Viscous liquid		
product not the	BOILING POINT:	Approx. 100°C		
individual components	FLASH POINT:	Not flammable		
·	VAPOUR PRESSURE:	Not Determined		
	SPECIFIC GRAVITY:	0.95 - 1.0 g/mL		
	FLAMMABILITY LIMITS:	Not Applicable		
	pH:	2.5 - 5.5		
	SOLUBILITY IN WATER:	Miscible		
Required Specifications	Not applicable	, missioner		
Further specifications	Not applicable			
Specific advice	Not applicable			
S	ection 10: Stability and	Reactivity		
Stability of the	Product is stable			
substance				
Conditions to Avoid	Not applicable			
Material to avoid	Not applicable			
Hazardous	None known			
decomposition Products				
Specific Data	None known			
Section 11: Toxicological Information				
Data and interpretation		ct may cause irritation of the		
	gastrointestinal tract.	of may eaded imidition of the		
	Irritant to the eye.			
	_	contact may load to dermetitie		
Summaries data		Long term or repeated skin contact may lead to dermatitis. Not available		
Format	Not available			
Section 12: Ecotoxicity Information				
Potential Environmental	Bio degradable and unlikely	to incur environmental harm in		
Interactions	normal dilution and usage. N	/linor risk in bulk quantities		
Data Organisation				
Environmental risk	Not required			
phrases				
Section 13: Disposal Considerations				
Disposal information	Surplus contents may be rin	sed to treated wastewater systems		
	Dispose large volumes to lined landfill or approved incineration			
	system or in normal commercial procedures			
Relevant information				
Section 14: Transport Information				
Relevant Information None required				
Other requirements	Other requirements			
Section 15: Regulatory Information				
Socion to Regulatory information				

Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6, and 9 of control regulations		
Symbols	None Required		
Risk Phrases	R36 and R53 (in bulk quantities only)		
Safety Phrases	S25 and S61 (in bulk quantities only)		
	Section 16: Other Information		
Additional Information	None applicable		

Appendix 2.5 – Conditioners (Silicone Based) Material Safety Data Sheet for Product Use

	Dalety Data S			
	: Identification of	the substanc	e/mixture	
Product Name:	Conditioner			
Recommended Use	To condition and bea	autify hair after cl	eansing	
Product description	Viscous liquid			
	Cosmetic Preparation			
	Concentration in use 100%			
	Packaged in small c	onsumer quantitie	es	
Company Details	Cosmetic Toiletry and Fragrance Association Inc.			
Address	Private Bag 92-066,	Private Bag 92-066, 159 Khyber Pass Road Auckland		
Telephone Number	09-3670913	•		
Emergency Telephone Number	National Poison Info	rmation centre. P	hone 0800-764	766
Date of Preparation	31 March 2015			
	Section 2: Hazard	s Identificatio	n	
Hazard Classification	Classification Category			
	Classification Categor			ironment in
	large volumes	,		
	Risk statements: R3	6 and R53 (in bul	k quantities onl	v)
	Safety statements: S	`	•	,
	Eyes: Splashes in th	•	•	• ,
	tears. Transient reddening of the eye may also occur Swallow: Low toxicity by the oral route			
	Skin: : No appreciable irritation is expected by this route			
	however repeated skin contact should be avoided			
	Inhaled: No appreciable irritation is expected by this route			
Required identification	None required			
Details	None required			
Details				
Section 3	Composition/info	ormation on i	narodionte	
	-		igredients	
Classification and type	HSNO Class 6.4 and		CACNo	0/ \Δ/ΔΔ/
Mixture	Ingredi		CAS No	% W/W
	Silicones and volatile	e silicones (e.g.		<99
	cyclomethicone)			-10
	Additional ingredients (e.g. UV filters, polymers) <10			< 10
				<6
	fatty alcohols)			
	Ethanol (alcohol, alcohol denat.) <5			<5
	Other ingredients determined not to be hazardous to 100			
	1 1 1 1 1 1 2 3 1 2 3 1 2 1 1 1 2	2 2		<u>, -</u>
	Section 4: First	Aid Measure		
Description of necessary	Swallowed:		not induce you	iting Cive
first aide measures	/ Swallowed: If swallowed do not induce vomiting. Give a glass of water. Seek medical attention		•	
mot alue measures	Eyes: If in eyes, hold eyes open, flood with			
	Lycs.	i iii eyes, noid t	zycs open, 11000	a WILLI

	1		
		water for at least 15 minutes and see a	
	01:	Doctor if pain persists.	
	Skin:	Remove contaminated clothing and wash	
	Inhaled:	affected area with water.	
)A/	A '1 1 '1'' 6 (Remove from further exposure	
Workplace facilities		for rinsing of eyes or skin	
Required instructions	None		
Notes for medical personal	Treat symptomatica	lly. If in eyes, recheck after one week.	
	<u> </u>	1.4	
	Section 5: Fire-Fig	gnting measure	
Type of hazard	Not Flammable		
Fire hazard properties	Not applicable		
Extinguishing media & methods	dry chemical, CO ₂ c	flammable. In case of fire, water, water fog, or foam can be used.	
Recommended Protective Clothing	Not required		
		I Release Measure	
Procedures to be		Remove possible leaking containers. Mop	
covered	up small spills.		
	For larger spills absorb in inert material (sand or vermiculate).		
	Dispose of in accord	dance with local regulations	
	Section 7: Handli	ng and Storage	
Subsection 1			
Handling Practices		s (vinyl, rubber or plastic) are recommended	
		when prolonged contact with the product is	
		ged. Disposable gloves must not be latex	
		rotection should be worn (safety glasses) to	
	I	product contacting the eyes.	
	Flammability: Produ	ct is not flammable	
Subsection 2	101		
Store site requirements	stuffs.	ool place out of sun and away from food	
Packaging		Requirements HSNO P1 & P3	
		handle drop of 0.5m without leakage	
	Packaging will not react with mixture or ingredients		
		rol/Personal Protection	
Subsection 1: Workplace	e Exposure Guidelir	nes (may also be in section 2)	
Workplace exposure	EXPOSURE LIMITS	S: NZOSH*	
standards	Not applicable		
	*New Zealand workplac	e Exposure Standards	
Application in the workplace	Not applicable		
Exposure Standards	Not applicable		

outside the workplace				
Subsection 2: Engineeri	na Controls			
Hierarchy of controls	None required			
measures	100000000000000000000000000000000000000			
Exposure control	None required			
measures	·			
No Hazard indication	No Hazard indication is	require	ed	
Ventilation specification	None required			
Subsection 3: Personal				
Detail specifications for	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		bber or plastic) are recommended	
equipment			nged contact with the product is	
			osable gloves must not be latex	
			hould be worn (safety glasses) to	
Chaoifia routa of	ACUTE EFFECTS:	uct co	ntacting the eyes.	
Specific route of exposure	Swallow:	Harm	Iful if swallowed. Product may	
evhosnie	Ovvailovv.		e irritation of the gastrointestinal	
		tract.	c irritation of the gastronitestinal	
	Eye:		nt to the eye.	
	Skin:		nged skin contact may cause	
			rritation.	
	Inhaled: No appreciable irritation is expected		opreciable irritation is expected	
	by this route			
	CHRONIC EFFECTS: None known			
	CHRONIC EFFECTS:	None	Known	
General Hygiene	Wash or rinse any expo	sure fr	om skin. Do not re-use gloves	
	directly contaminated.			
Sectio	n 9: Physical and Ch	emic	al Properties	
Specific Data for the	APPEARANCE:		/iscous liquid	
product not the	BOILING POINT:		Approx. 100°C	
individual components	FLASH POINT:	N	Not flammable	
	VAPOUR PRESSURE:	_	Not Determined	
	SPECIFIC GRAVITY:).95 - 1.0 g/mL	
	FLAMMABILITY LIMIT		Not Applicable	
	pH:		2.5 - 5.5	
	SOLUBILITY IN WATER: Miscible			
Required Specifications	Not applicable			
Further specifications	Not applicable			
Specific advice	Not applicable			
Section 10: Stability and Reactivity				
	Product is stable	iiu K	eactivity	
Stability of the substance	Froduct is stable			
Conditions to Avoid	Not applicable			
Material to avoid	Not applicable			
ויומנפוומו נט מיטוט	140t applicable			

Hazardous	None known			
decomposition Products				
Specific Data	None known			
	ction 11: Toxicological Information			
Data and interpretation	Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Irritant to the eye. Long term or repeated skin contact may lead to dermatitis.			
Summaries data	Not available			
Format	Not available			
S	ection 12: Ecotoxicity Information			
Potential Environmental Interactions	Bio degradable and unlikely to incur environmental harm in normal dilution and usage. Minor risk in bulk quantities only			
Data Organisation				
Environmental risk phrases	Not required			
So	ection 13: Disposal Considerations			
Disposal information	Surplus contents may be rinsed to treated wastewater systems			
Disposal information	Dispose large volumes to lined landfill or approved incineration system or in accordance with normal commercial procedures			
Relevant information				
S	Section 14: Transport Information			
Relevant Information	None required			
Other requirements				
•				
S	ection 15: Regulatory Information			
Regulatory Status	HSNO Regulations			
	The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6, and 9 of control regulations			
	Regulations 11-27, 7, 10, 32-45, 50-51 Identification Regulations			
	 Regulations 6,7,32-35,36(1)-(7) 			
	Regulations 25, 29-31,37-39,47-50, 51,52 Packaging Regulations			
	Regulations 5,6,7(1),8, 9Schedule 3 & 4			
	Disposal Regulations • Regulations 8, 9, 10, 11, 12, 13, 14			
	 Emergency Management Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42 			

	Tracking:
	Not applicable
	Approved Handlers:
	Not applicable
Symbols	None Requried
Risk Phrases	R36 and R53 (in bulk quantities only)
Safety Phrases	S25 and S61 (in bulk quantities only)
	Section 16: Other Information
Additional Information	None applicable

Appendix 2.6 – Hair Cream

Material Safety Data Sheet for Product Use

	1: Identification of the substance			
		e/mixture		
Product Name:	Hair Cream			
Recommended Use	Hair Cream for hair placement and fixing			
Product description	Cream Coomatic Proporation			
	Cosmetic Preparation			
	Concentration in use 100%			
5 . "	Packaged in small consumer quantitie			
Company Details	Cosmetic Toiletry and Fragrance Ass			
Address	Private Bag 92-066, 159 Khyber Pass	Road Aucklan	d	
Telephone Number	09-3670913			
Emergency Telephone Number	National Poison Information centre. P	hone 0800-764	766	
Date of Preparation	31 March 2015			
	Section 2: Hazards Identification	n		
Hazard Classification	Classification Category 6.4 Irritant to	Eyes		
	Classification Category 9.1D Ecotoxic		ironment in	
	large volumes	•		
	Risk statements: R36 and R53 (in bul	k quantities onl	y)	
	Safety statements: S25 and S61 (in b	ulk quantities o	nly)	
	Eyes: Splashes in the eye may cause			
	tears.			
	Swallow: Low toxicity by the oral route			
	Skin: : No appreciable irritation is expected by this route			
	Inhaled: No appreciable irritation is expected by this route			
Required identification	None required			
Details				
Section 3	: Composition/information on in	ngredients		
Classification and type	HSNO Class 6.4 and 9.1D			
Mixture	Ingredient	CAS No	% W/W	
	Oils and waxes (mineral and		<60	
	vegetable) (e.g. petrolatum, glyceryl			
	stearate)			
	Hair conditioning agents (e.g. proteins		<20	
	and derivatives, cellulose derivatives,			
	cationic copolymers)		-00	
	Silicones (e.g. <i>dimethicone</i>) Emulsifying agents, surfactants (e.g.		<20 <15	
	ethoxylated fatty acids)			
	Humectants (e.g. propylene glycol, glycerin)		<10	
	Resins, polymers (e.g <i>PVP/VA</i> copolymer, acrylates copolymer)		<5	
	Additional ingredients (e.g. UV filters, vitamins)		<2	

	Parfum			<1
		robiolo		<1
	Preservatives, antimicrobials		to 100	
	Aqua Other ingredients determined not to be hazardous		to 100	
	Other ingredients de	termined not to b	e Hazardous	10 100
	Section 4: First			
Description of necessary	Swallowed:	If swallowed do		
first aide measures		a glass of water		
	Eyes:	If in eyes, hold e	•	
		water for at leas		id see a
		Doctor if pain pe		
	Skin:	Remove contain	•	and wash
		affected area wi		
	Inhaled:	Remove from fu		
Workplace facilities	Availability of water	for rinsing of eyes	s or skin	
Required instructions	None			
Notes for medical personal	Treat symptomatical	ly. If in eyes, rech	neck after one v	veek.
Section 5: Fire-Fighting measure				
Type of hazard	Not Flammable			
Fire hazard properties	Not applicable			
Extinguishing media &	The material is not flammable. In case of fire, water, water fog,			
methods	dry chemical, CO ₂ or foam can be used.			
Recommended	Not required			
Protective Clothing				
Soc	l tion 6: Accidental	l Polosso Mos	SULO	
Procedures to be				are Mon
covered	Spills are slippery. Remove possible leaking containers. Mop			
Covered	up small spills. For larger spills abso	orh in inert materi	al (sand or vern	niculato)
	Dispose of in accord		`	iliculate).
	Dispose of in accord	diloc with local re	zgalations	
	Section 7: Handlir	ng and Storag	е	
Subsection 1				
Handling Practices	Skin: Gloves	(vinyl, rubber or	plastic) are rec	ommended
J		hen prolonged co	. ,	
		ged. Disposable		
		otection should b		
		product contacting		,,
	Flammability: Produc			
Subsection 2	•			
Store site requirements	Store product in a cool place out of sun and away from food stuffs.			
Packaging	General Packaging Requirements HSNO P1 & P3			
	Packaging is able to			kage
	Packaging will not re			

Section 8: Exposure Control/Personal Protection Subsection 1: Workplace Exposure Guidelines (may also be in section 2) Workplace exposure Standards Application in the Workplace Exposure Standards Application in the Workplace Exposure Standards Not applicable Not applicable Not applicable Not applicable Not applicable None required None required None required None required None required Subsection 2: Engineering Controls Hierarchy of controls measures Exposure control measures No Hazard indication None required Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment Eyes: Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Skin: Prolonged skin contact may cause skin irritation. Inhaled: No appreciable irritation is expected by this route CHRONIC EFFECTS: None known General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: SOLUBILITY IN MATER: BOILING				
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)	Section 8: Exposure Control/Personal Protection			
Workplace exposure standards Application in the workplace Exposure Standards outside the workplace Subsection 2: Engineering Controls Hierarchy of controls measures Non Hazard indication Ventilation specification Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment Exposure Specific route of exposure Exposure CHRONIC EFFECTS: Specific Data for the product to the individual components Specific GRAVITY: FLAMMABILITY LIMITS: NZOSH* Not applicable Not applicable Not applicable Syosure Standards Not applicable Not applicable Not applicable Syosure Standards Not applicable Not applicable Syosure Standards Not applicable Not applicable Not applicable Syosure Standards Not applicable Not applicable Not applicable Syosure Standards Not applicable Not applicable Not applicable Not applicable Syosure Standards Not applicable Not applicable Not applicable Syosure Standards Not applicable Not applicable Not applicable Not applicable Syosure Standards Not applicable Not applicable Syosure Standards Not applicable N		•		
Application in the workplace Exposure Standards outside the workplace Subsection 2: Engineering Controls Hierarchy of controls measures Exposure control measures No Hazard indication Ventilation specification Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equired worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex world product contacting the eyes. Specific route of exposure Skin: ACUTE EFFECTS: Swallow: ACUTE EFFECTS: ACUTE EFFECTS: Swallow: ACUTE EFFECTS: Swallow: ACUTE EFFECTS: ACUTE EFFECT				
Application in the workplace Exposure Standards outside the workplace Subsection 2: Engineering Controls Hierarchy of controls measures Exposure control measures No Hazard indication Ventilation specification Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment equipment Signature of exposure Exposure ACUTE EFFECTS: Swallow: Swallow: ACUTE EFFECTS: Swallow: Skin: Frolonged skin contact may cause skin irritation. Inhaled: CHRONIC EFFECTS: None known Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: PH: Not Applicable Not applicable Not perquired Not applicable Not applicable Section 9: Physical and Chemical Properties Not Applicable Not Applicable Not Applicable	standards	Not applicable		
Subsection 2: Engineering Controls				
Exposure Standards outside the workplace Subsection 2: Engineering Controls Hierarchy of controls measures Exposure control measures None required Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Irritant to the eye. Skin: Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: Approx. 100°C Not flammable Not Determined Not Applicable		Not applicable		
outside the workplace Subsection 2: Engineering Controls Hierarchy of controls measures None required Exposure control measures None required No Hazard indication No Hazard indication is required Ventilation specification None required Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eyes protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Skin: Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route None known General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: Approx. 100°C Not flammable Not Determined SPECIFIC GRAVITY: FLAMMABILITY LIMITS: DAY (D.95 - 1.0 g/mL) Not Applicable Pit: LAMMABILITY LIMITS: DAY (D.95 - 5.5)	•			
Subsection 2: Engineering Controls Hierarchy of controls None required	•	Not applicable		
Hierarchy of controls measures No Hazard indication Ventilation specifications Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment Detail specifications for equipment Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Irritant to the eye. Skin: Prolonged skin contact may cause skin irritation. Inhaled: No appreciable irritation is expected by this route CHRONIC EFFECTS: None known Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: Soulting Point: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLASH MABILITY LIMITS: pH:		0 1 1		
Exposure control measures None required				
None required	_	None required		
Mo Hazard indication No Hazard indication is required		None required		
No Hazard indication Ventilation specification None required		None required		
None required Subsection 3: Personal Protective Equipment (PPE)		No Hazard indication is	required	
Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment			required	
Detail specifications for equipment Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eyes: Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Skin: Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: PH: Not Applicable 2.5 - 5.5			PPF)	
equipment worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Irritant to the eye. Prolonged skin contact may cause skin irritation. Inhaled: No appreciable irritation is expected by this route CHRONIC EFFECTS: None known General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: Not Applicable 2.5 - 5.5				
Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Specific route of exposure ACUTE EFFECTS: Swallow: ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Eye: Irritant to the eye. Skin: Prolonged skin contact may cause skin irritation. Inhaled: No appreciable irritation is expected by this route CHRONIC EFFECTS: None known General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: Approx. 100°C FLASH POINT: Not flammable Not Determined SPECIFIC GRAVITY: 0.95 - 1.0 g/mL FLAMMABILITY LIMITS: Not Applicable ph: 0.5 - 5.5		,	, ,	
Specific route of exposure ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Irritant to the eye. Skin: Prolonged skin contact may cause skin irritation. Inhaled: No appreciable irritation is expected by this route CHRONIC EFFECTS: None known General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: VAPOUR PRESSURE: SPECIFIC GRAVITY: VAPOUR PRESSURE: SPECIFIC GRAVITY: PLAMMABILITY LIMITS: Not Applicable 2.5 - 5.5	- quipinoin			
Specific route of exposure ACUTE EFFECTS: Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Irritant to the eye. Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: Not Applicable 2.5 - 5.5				
exposure Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Irritant to the eye. Skin: Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: Not Applicable 2.5 - 5.5				
Cause irritation of the gastrointestinal tract. Eye: Skin: Prolonged skin contact may cause skin irritation. Inhaled: No appreciable irritation is expected by this route CHRONIC EFFECTS: None known General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: Cream Approx. 100°C Not flammable Not Determined SPECIFIC GRAVITY: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: Not Applicable 2.5 - 5.5	Specific route of	ACUTE EFFECTS:		
Eye: Skin: Irritant to the eye. Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route	exposure	Swallow:	Harmful if swallowed. Product may	
Eye: Skin: Inhaled: Inhaled: CHRONIC EFFECTS: Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components Page 1 Specific Gravity: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: Irritant to the eye. Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known Cream Approx. 100 °C Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5		cause irritation of the gastrointestinal		
Skin: Inhaled: Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route CHRONIC EFFECTS: None known Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: Prolonged skin contact may cause skin irritation. No appreciable irritation is expected by this route None known Cream Approx. 100°C Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5				
Section 9: Physical and Chemical Properties Specific Data for the product not the individual components Section 9: Physical and Chemical Properties APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: PLAMMABILITY LIMITS: PH: Skin irritation. No appreciable irritation is expected by this route None known Cream Cream Approx. 100°C Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5				
Inhaled: CHRONIC EFFECTS: No appreciable irritation is expected by this route None known Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: PH: Not Applicable 2.5 - 5.5		Skin:		
General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components PLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: PH: Not Applicable 2.5 - 5.5		Inholod:		
CHRONIC EFFECTS: None known Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: None known Cream Approx. 100°C Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5		innaied.	• •	
General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: PH: Not Applicable 2.5 - 5.5			by this route	
General Hygiene Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated. Section 9: Physical and Chemical Properties Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: PH: Not Applicable 2.5 - 5.5		CHRONIC EFFECTS:	None known	
Section 9: Physical and Chemical Properties Specific Data for the product not the individual components Specific Data for the product not the individual components Specific Data for the product not the individual components Solution Point: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: PH: Not Applicable 2.5 - 5.5			THORE KITOWIT	
Section 9: Physical and Chemical Properties Specific Data for the product not the individual components Specific Data for the product not the individual components Specific Data for the product not the individual components Solution Point: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: PH: Not Applicable 2.5 - 5.5	General Hygiene	Wash or rinse any expo	sure from skin. Do not re-use aloves	
Section 9: Physical and Chemical Properties Specific Data for the product not the individual components Specific Data for the product not the individual components Solution Point: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: Specific Data for the Cream Approx. 100°C Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5	, , , , , , , , , , , , , , , , , , , ,			
Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: Cream Approx. 100°C Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5		,		
Specific Data for the product not the individual components APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: Cream Approx. 100°C Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5	Section	n 9: Physical and Ch	nemical Properties	
product not the individual components BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: Approx. 100°C Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5			_	
individual components FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5	•			
VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5	·		···	
FLAMMABILITY LIMITS: Not Applicable 2.5 - 5.5	'			
pH : 2.5 - 5.5				
		FLAMMABILITY LIMIT	S: Not Applicable	
COLUDILITY IN MATER. Micaida				
SOLUDILIT IN WATER: WISCIDIE		SOLUBILITY IN WATER: Miscible		

Required Specifications	Not applicable	
Further specifications	Not applicable	
Specific advice	Not applicable	
S	ection 10: Stability and Reactivity	
Stability of the	Product is stable	
substance		
Conditions to Avoid	Not applicable	
Material to avoid	Not applicable	
Hazardous	None known	
decomposition Products		
Specific Data	None known	
	ction 11: Toxicological Information	
Data and interpretation	Harmful if swallowed. Product may cause irritation of the	
	gastrointestinal tract.	
	Irritant to the eye.	
Summaries data	Long term or repeated skin contact may lead to dermatitis. Not available	
Format	Not available Not available	
Tomat	Not available	
9,	ection 12: Ecotoxicity Information	
Potential Environmental	Bio degradable and unlikely to incur environmental harm in	
Interactions	normal dilution and usage. Minor risk in bulk quantities	
Data Organisation	Tiormal diddor and dadge. Willor flok in balk quantities	
Environmental risk	Not required	
phrases	Trot roquiros	
Se	ction 13: Disposal Considerations	
Disposal information	Surplus contents may be rinsed to treated wastewater systems	
	Dispose large volumes to lined landfill or approved incineration	
	system or in accordance with normal commercial procedures	
Relevant information		
	ection 14: Transport Information	
Relevant Information	None required	
Other requirements		
Section 15: Regulatory Information		
Regulatory Status	HSNO Regulations	
	The HSNO Approval Number for the Cosmetic Group	
	Standard is HSR002552	
	Classes 6, and 9 of control regulations	
	• Regulations 11-27, 7, 10, 32-45, 50-51	
	Identification Regulations	
	• Regulations 6,7,32-35,36(1)-(7)	

	 Regulations 25, 29-31,37-39,47-50, 51,52 		
	Packaging Regulations		
	• Regulations 5,6,7(1),8, 9		
	,		
	• Schedule 3 & 4		
	Disposal Regulations		
	 Regulations 8, 9, 10, 11, 12, 13, 14 		
	Emergency Management		
	• Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-		
	41, 42		
	Tracking:		
	Not applicable		
	Approved Handlers:		
	Not applicable		
Symbolo	. ,		
Symbols	Not Required		
Risk Phrases	R36 and R53 (in bulk quantities only)		
Safety Phrases	S25 and S61 (in bulk quantities only)		
	Section 16: Other Information		
Additional Information	None applicable		

Appendix 2.7 – Hair Shine Wax or Brilliantine Material Safety Data Sheet for Product Use

	Salety Data Sheet for Fi		<u> </u>	
Section 1: Identification of the substance/mixture				
Product Name:	Hair Shine			
Recommended Use	To provide hair shine effect			
Product description	Wax appearance			
-	Cosmetic Preparation			
	Concentration in use 100%			
	Packaged in small consumer quantities			
Company Details	Cosmetic Toiletry and Fragrance Asso	ociation Inc.		
Address	Private Bag 92-066, 159 Khyber Pass		d	
Telephone Number	09-3670913			
Emergency Telephone Number	National Poison Information centre. P	hone 0800-764	766	
Date of Preparation	31 March 2015			
·				
	Section 2: Hazards Identification	n		
Hazard Classification	Classification Category 6.4 Irritant to I	Eves		
	Classification Category 9.1D Ecotoxic		ironment in	
	large volumes	'		
	Risk statements: R36 and R53 (in bul	k quantities onl	v)	
	Safety statements: S25 and S61 (in b			
	Eyes: Minor eye irritant if rubbed into	•	3,	
	Swallow: Low toxicity by the oral route			
	Skin: : No appreciable irritation is expected by this route			
	Inhaled: No appreciable irritation is expected by this route			
Required identification Details	None required			
Section 3	: Composition/information on ir	ngredients		
Classification and type	HSNO Class 6.4 and 9.1D			
Mixture	Ingredient	CAS No	% W/W	
	Waxes and oils (e.g. mineral oils,		<99	
	silicones)			
	Emulsifying agents (e.g. ethoxylated <3		<3	
	fatty acids)			
	Parfum <3			
	Additional ingredients (e.g. UV filters, vitamins)		<2	
	Preservatives, antimicrobials, <1		_1	
	antioxidants		`	
	Cosmetic colorants <1			
	Other ingredients determined not to be hazardous to 100			
			1	
	Section 4: First Aid Measure			
Description of necessary	Swallowed: If swallowed do	not induce vom	niting. Give	
first aide measures	a glass of water. Seek medical attention			
	a glace of water			

	T		
	Eyes:	If in eyes, hold eyes open, flood with	
		water for at least 15 minutes and see a	
		Doctor if pain persists.	
	Skin:	Remove contaminated clothing and wash	
		affected area with soapy water.	
	Inhaled:	Remove from further exposure	
Workplace facilities		water for rinsing of eyes or skin	
Required instructions	None	water for finding of eyes of skin	
Notes for medical		actically If in avec rephasis after one week	
	Treat sympton	natically. If in eyes, recheck after one week.	
personal			
)	P* 1 (*	
		e-Fighting measure	
Type of hazard	Not Flammable	е	
Fire hazard properties	Not applicable		
Extinguishing media &	The material is	s not flammable. In case of fire, water, water fog,	
methods		CO ₂ or foam can be used.	
Recommended	Not required	-	
Protective Clothing			
1 Totalite oletinig			
Soci	tion 6: Accid	lental Release Measure	
Procedures to be		pery. Remove possible leaking containers. Mop	
covered		with soapy water.	
		s absorb in inert material (sand or vermiculate).	
	Dispose of in a	accordance with local regulations	
	Section 7: Ha	andling and Storage	
Subsection 1			
Handling Practices	Skin: (Gloves (vinyl, rubber or plastic) are recommended	
3		worn when prolonged contact with the product is	
		envisaged. Disposable gloves must not be latex	
		Eye protection should be worn (safety glasses) to	
		avoid product contacting the eyes.	
		Product is not flammable	
Subsection 2	Flammability.	Froduct is not naminable	
	04	:	
Store site requirements	•	in a cool place out of sun and away from food	
	stuffs.		
Packaging		aging Requirements HSNO P1 & P3	
		able to handle drop of 0.5m without leakage	
	Packaging will	not react with mixture or ingredients	
Section	8: Exposure	Control/Personal Protection	
		idelines (may also be in section 2)	
Workplace exposure	EXPOSURE L		
standards	Not applicable		
otaliaai ao	• •	orkplace Exposure Standards	
Application in the	Not applicable		
	Two applicable		
workplace			

Evenseves Otemalende	Nick cooling big		
Exposure Standards	Not applicable		
outside the workplace			
Subsection 2: Engineer			
Hierarchy of controls	None required		
measures	Niana na maina d		
Exposure control	None required		
measures	No. 11 and in dia dia dia s	and the state of	
No Hazard indication	No Hazard indication is	requirea	
Ventilation specification	None required		
Subsection 3: Personal		•	
Detail specifications for	•	inyl, rubber or plastic) are recommended	
equipment		n prolonged contact with the product is	
		d. Disposable gloves must not be latex	
		ction should be worn (safety glasses) to	
0 :5: 1 5		duct contacting the eyes.	
Specific route of	ACUTE EFFECTS:		
exposure	Swallow:	Harmful if swallowed. Product may	
		cause irritation of the gastrointestinal	
	F	tract.	
	Eye:	Irritant to the eye.	
	Skin:	Prolonged skin contact may cause	
	Inhaled:	skin irritation.	
	illialeu.	No appreciable irritation is expected	
		by this route	
	CHRONIC EFFECTS:	None known	
	Official English	None known	
General Hygiene	Wash or rinse any expo	sure from skin. Do not re-use aloves	
Ceneral Hygiene	Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated.		
	an early contaminated.		
Saction	n 9: Physical and Ch	nomical Proportios	
Specific Data for the	APPEARANCE:		
product not the		Waxy Cream	
	BOILING POINT: Approx. 100°C Not flammable		
individual components	FLASH POINT: VAPOUR PRESSURE:		
	SPECIFIC GRAVITY:		
	SPECIFIC GRAVITY: FLAMMABILITY LIMIT	0.95 - 1.0 g/mL	
		• • • • • • • • • • • • • • • • • • •	
	pH: 2.5 - 5.5		
Required Specifications	SOLUBILITY IN WATER: Miscible		
Further specifications	Not applicable Not applicable		
Specific advice	Not applicable Not applicable		
opecine auvice	Ινοι αργιισασίο		
Section 10: Stability and Reactivity			
		IIIU NEACIIVILY	
Stability of the substance	Product is stable		
i suosiance			
Conditions to Avoid	Not applicable		

Material to avoid	Not applicable
Hazardous	None known
decomposition Products	
Specific Data	None known
_	
	ction 11: Toxicological Information
Data and interpretation	Harmful if swallowed. Product may cause irritation of the
	gastrointestinal tract.
	Irritant to the eye.
Summaries data	Not available
Format	Not available
S	ection 12: Ecotoxicity Information
Potential Environmental	Bio degradable and unlikely to incur environmental harm in
Interactions	normal dilution and usage. Minor risk in bulk quantities
Data Organisation	Tiermai anatiem and deage. Willier flex in balk quantities
Environmental risk	Not required
phrases	1.00.00 4.00.00
·	
Se	ction 13: Disposal Considerations
Disposal information	Surplus contents may be rinsed to treated wastewater systems
	Dispose large volumes to lined landfill or approved incineration
	system or in accordance with normal commercial procedures
Relevant information	
	Section 14: Transport Information
Relevant Information	Section 14: Transport Information None required
Other requirements	None required
Other requirements	
S	ection 15: Regulatory Information
Regulatory Status	HSNO Regulations
	The HSNO Approval Number for the Cosmetic Group
	Standard is HSR002552
	Classes 6, and 9 of control regulations
	 Regulations 11-27, 7, 10, 32-45, 50-51
	Identification Regulations
	 Regulations 6,7,32-35,36(1)-(7)
	 Regulations 25, 29-31,37-39,47-50, 51,52
	Packaging Regulations
	 Regulations 5,6,7(1),8, 9
	Schedule 3 & 4
	Disposal Regulations
	• Regulations 8, 9, 10, 11, 12, 13, 14
	Emergency Management
	• Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-
	41, 42

	Tracking:
	Not applicable
	Approved Handlers:
	Not applicable
Symbols	Not Required
Risk Phrases	R36 and R53 (in bulk quantities only)
Safety Phrases	S25 and S61 (in bulk quantities only)
	Section 16: Other Information
Additional Information	None applicable

Appendix 2.8 – Hair Lotion Material Safety Data Sheet for Product Use

Section '	1: Identification of the substanc	e/mixture		
Product Name:	Hair Lotion			
Recommended Use	Hair Colour Lotion			
Product description	Coloured Liquid			
·	Cosmetic Preparation			
	Concentration in use 100%			
	Packaged in small consumer quantitie	es		
Company Details	Cosmetic Toiletry and Fragrance Asse			
Address	Private Bag 92-066, 159 Khyber Pass		d	
Telephone Number	09-3670913			
Emergency Telephone Number	National Poison Information centre. P	hone 0800-764	766	
Date of Preparation	31 March 2015			
·				
	Section 2: Hazards Identification	n		
Hazard Classification	Classification Category 3 – Flammabl	e Liquid		
	Classification Category 6.1D Acutely	Toxic, 6.3 – Ski	n Irritant,	
	6.4 – Eye Irritant, 6.5 – Sensitiser			
	Risk statements R10, R25 ,R36 and	R37		
	Or combination risk phrases as appro	priate		
	Safety statements S2 and S46			
	Or combination of safety phrases as appropriate			
	Swallow – Harmful if swallowed. May cause irritation of the gastrointestinal tract.			
	Eye: Splash in the eyes may cause immediate stinging			
	sensation and tears. Transient reddening of eye may also			
	occur. Skin: Avoid contact, Prolonged skin contact may cause skin			
	irritation			
	Inhaled: At relatively high vapour concentrations ethyl or			
	isopropyl alcohol are irritants to the nose and throat and may			
	cause central nervous system depression			
Required identification Details	Poison, Avoid contact with skin			
	: Composition/information on in			
Classification and type	Classes 3.1, 6.1, 6.3, 6.4, 6.5 and 9.1 Schedule 6 Minimum Degrees of Haz		tion 2 J (ii)	
Mixture	Ingredient	CAS No	% W/W	
	Ethanol and/or isopropanol (alcohol, alcohol denat., isopropyl alcohol)		<60	
	Hair conditioning agents (e.g. protein		<20	

	1	1	1
	hydrolysates, cellulose	e derivatives)	
	PPG ethers		<10
	Parfum	(a. a. a. a. b. a. in. d.	<3
	Resins, polymers acetate, PVP)	(e.g. polyvinyl	<2
	Additional ingredients	s (e.g. vitamins	<2
	plant extracts, chela		_
	filters)		
	Preservatives, antimic	robials	<2
	Hair dyeing agents, co	osmetic colorants	<1
	Camphor		<0.5
	Aqua	ata a satala santa	to 100
	NB: Two-phase produ 50 % mineral oil	cts contain up to	
		termined not to be hazardous	to 100
	3		
	Section 4: First	Aid Measure	
Description of necessary	Swallowed:	If swallowed do not induce vom	iting. Give
first aide measures		a glass of water. Contact a doc	•
		National Poison Information cer	ntre.
		Phone 0800-764766	
	Eyes:	If in eyes, hold eyes open, flood	d with
		water for at least 15 minutes ar	id see a
		Doctor if pain persists.	
	Skin:	Wash affected area with water.	If irritation
		develops seek medical advice.	
	Inhaled: Remove person to fresh air.		
Workplace facilities	Availability of water for rinsing of eyes or skin		
Required instructions			
Notes for medical	Treat symptomatically. If in eyes, recheck after one week.		
personal			
	Section 5: Fire-Fig	phting measure	
Type of hazard	Flammable		
Fire hazard properties	If spilled or ruptured	will increase the intensity of fire	
Extinguishing media &	The material is not fl	ammable. In case of fire, water,	water fog,
methods	dry chemical, CO ₂ of	r foam can be used.	_
	Cool adjacent contai	iners	
Recommended	Not required		
Protective Clothing	·		
Sec	tion 6: Accidenta	l Release Measure	
Procedures to be	•	aking containers. Remove all ign	ition
covered	sources and ventilat		
	Dilute small spills wi		
	For larger spills dilute with water and absorb in inert material		
	(ie. sand or vermiculate).		
	Dispose of in accordance with local regulations.		
•	Î.		

Section 7: Handling and Storage			
Subsection 1			
Handling Practices	Skin:	Gloves (vinyl, rubber or p when handling this produ between products and so hydrogen peroxide. Dispo be latex	uct or the mixture blutions containing
	Eyes:		worn (safety glasses) to the eyes.
	Flammability:	Flammable – Keep away ignition sources	/ from heat, flame or
Subsection 2			
Store site requirements	stuffs. Store away fr	t in a cool place out of sur com corrosive and oxidisir rdance with the Dangerou quantities over maximum	ng products. us Goods regulations
Packaging	General Pack Packaging of sealable and Packaging is	kaging Requirements HSN single use products unde contain disposal instructionable to handle drop of 0.5 ll not react with mixture o	NO P1 & P3 er 100ml must not be re- ons under Section 13. 5m without leakage
Section Subsection 1: Workplace		Control/Personal Pruidelines (may also be i	
Workplace exposure	EXPOSURE		
standards	CHEMICAL I		
	Ethyl alcohol Or		1880mg/m ³ (1000ppm)
	Isopropyl alco Ammonia Ethanolamine		983mg/m ³ (400ppm) 17mg/m ³ (25ppm) 7.5mmg/ m ³ (3ppm)
Application in the workplace	Warnings: This product contains ingredients which may cause skin irritation and sensitisation to certain individuals (ie. phenylendiamines). A preliminary skin test must be carried out before use. (For test details see product pack copy). Product must not be used for dyeing the eyelashes or eyebrows.		
Exposure Standards outside the workplace	Not applicabl	e	
Subsection 2: Engineer			
Hierarchy of controls measures	Ventilation PPE		
Exposure control measures	None	-	
No. Hazard indication	Hazard indica	ation 3 is required but oth	ner signage

	recommended	
	TOXIC PLANMARLE LIVUID	FLAMMABLE LIQUIDS AREA NO SMOKING
Ventilation specification	Use in well ventilated a	
	Protective Equipment ((PPE)
Detail specifications for equipment	Skin: Gloves (vinyl, rubber or plastic) must be worn when handling this product or the mixture between products and solutions containing hydrogen peroxide. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Inhalation: Universal mask should be worn when mixing or applying on a continuing basis	
Specific route of exposure	Skin, Eyes and Inhalation	
	ACUTE EFFECTS: Swallow:	Harmful if swallowed. Product may cause irritation of the gastrointestinal tract.
	Eye: Skin:	Corrosive to the eye. Avoid contact. Prolonged skin contact
	Inhaled:	may cause skin irritation. At relatively high vapour concentrations ethyl or isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression.
	CHRONIC EFFECTS:	Long term exposure to ethyl and isopropyl alcohol may result in irritation of the lining of the nose and mouth, headache, lack of concentration and drowsiness. Repeated skin contact may lead to dermatitis. Some aromatic amine dyes may cause dermatitis and allergic reactions in some individuals.
General Hygiene	Wash or rinse any expo	osure from skin. Do not re-use gloves
,5 -	directly contaminated.	3 · · · · · · · · · · · · · · · · · · ·

Section 9: Physical and Chemical Properties			
Specific Data for the	APPEARANCE:		
product not the	Coloured liquid with ether/alcohol odour		
individual components			
Required Specifications	BOILING POINT: 35°C		
	FLASH POINT: 23-61°C		
	VAPOUR PRESSURE: Not Determined		
	SPECIFIC GRAVITY: 0.85 - 1.0g/mL		
	FLAMMABILITY LIMITS: Flammable		
	pH: 5.0 - 11.7		
	SOLUBILITY IN WATER: Completely soluble		
Further specifications	Not applicable		
Specific advice	Not applicable		
So	ection 10: Stability and Reactivity		
Stability of the	Product is stable		
substance			
Conditions to Avoid	Not applicable		
Material to avoid	Oxidiser and corrosive materials		
Hazardous	None known		
decomposition Products			
Specific Data	None known		
	tion 11: Toxicological Information		
Data and interpretation	Harmful if swallowed. Product may cause irritation of the		
	gastrointestinal tract.		
	Irritant to the eye.		
	Avoid contact. Prolonged skin contact may cause skin irritation.		
	At relatively high vapour concentrations ethyl or isopropyl		
	alcohol are irritants to the nose and throat and may cause		
	central nervous system depression.		
	Long term exposure to ethyl and isopropyl alcohol may result in		
	irritation of the lining of the nose and mouth, headache, lack of		
	concentration and drowsiness. Some aromatic amine dyes may		
	cause contact dermatitis and allergic reactions in some		
	individuals.		
Summaries data	Not available		
Format	Not available		
	ection 12: Ecotoxicity Information		
Potential Environmental	Eco-toxic to animals and marine life in large volume spills.		
Interactions	Low risk in consumer packaged products and in normal retail		
	delivery volumes		
Data Organisation	All classes of terrestrial vertebrate and aquatic organisations		
	Classes 9.1D and 9.3C		

Environmental risk phrases	Not required
S	ection 13: Disposal Considerations
Disposal information	No special consumer requirement as containers are expected to be fully used prior to disposal Do not reseal single use products Bulk or surplus products: Must not be disposed of through untreated drains or storm water systems. Surplus contents may be diluted and rinsed to treated wastewater systems to achieve a non-flammable composition
Relevant information	Dispose of to lined landfill or approved incineration system where undiluted flammable quantities are involved
	Section 14: Transport Information
Relevant Information	Display UN/HSNO Classes 3, 6 and 9 in documentation Comply with land transport maximum package quantities Packaging Group III Label outer packaging with UN Classes and product identification Label risks toxic and eco-toxic
Other requirements	
	Section 15: Regulatory Information
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 3 6,8 and 9 of control regulations • Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 - 70 Identification Regulations • Regulations 6,7,11, 32-35,36(1)-(7) • Regulations 25, 29-31,37-39,47-50, 51,52 Packaging Regulations • Regulations 5,6,7(1),8, 9, 11, 13 • Schedule 3 & 4 Disposal Regulations • Regulations 6, 8, 9, 10, 11, 12, 13, 14 Emergency Management • Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42

	Tracking: • Not applicable Approved Handlers: • Not applicable Transport Standard
	NZS: 5433 1999
Symbols:	UN/HSNO 3 is required
	TOXIC PLANMABLE LIQUIDS AREA NO SMOKING
Risk phrases:	R10 - Flammable
	R25 – Toxic if swallowed
	R37 - Irritating to respiratory system
	R41 - Risk of serious damage to eyes Or combination risk phrases as appropriate
Safety phrases	S2 Keep out of reach of children
Salety piliases	S46 If swallowed, seek medical advice immediately and show
	container or label
	Or combination of safety phrases as appropriate
	<u> </u>
	Section 16: Other Information
Additional Information	None applicable

Appendix 2.9 – Setting Lotion (Including Coloured Setting Lotions and Pump Sprays) Material Safety Data Sheet for Product Use

Section '	1: Identification of the substance/mixture		
Product Name:	Hair Setting Lotion		
Recommended Use	Hair Setting Lotion		
Product description	Coloured Liquid		
·	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantities		
Company Details	Cosmetic Toiletry and Fragrance Association Inc.		
Address	Private Bag 92-066, 159 Khyber Pass Road Auckland		
Telephone Number	09-3670913		
Emergency Telephone Number	National Poison Information centre. Phone 0800-764766		
Date of Preparation	31 March 2015		
	Section 2: Hazards Identification		
Hazard Classification	Classification Category 3 – Flammable Liquid		
	Classification Category 6.1D Acutely Toxic, 6.3 – Skin Irritant,		
	6.4 – Eye Irritant, 6.5 – Sensitiser		
	Classification Category 9.1D Ecotoxic to aquatic environment		
	Risk statements R10, R25 ,R36 and R37		
	Or combination risk phrases as appropriate		
	Safety statements S2 and S46		
	Or combination of safety phrases as appropriate		
	Swallow – Harmful if swallowed. May cause irritation of the gastrointestinal tract.		
	Eye: Splash in the eyes may cause immediate stinging		
	sensation and tears. Transient reddening of eye may also		
	occur.		
	Skin: Avoid contact, Prolonged skin contact may cause skin irritation		
	Inhaled: At relatively high vapour concentrations ethyl or		
	isopropyl alcohol are irritants to the nose and throat and may		
	cause central nervous system depression		
Required identification	Poison, Avoid contact with skin		
Details			
Section 3	: Composition/information on ingredients		
Classification and type	Classes 3.1, 6.1, 6.3, 6.4, 6.5 and 9.1		
	Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient CAS No % W/W		

	T =		1
	Ethanol (alcohol, alcohol	· I	<80
	Isopropanol (isopropy	<10	
	Acetone	<10	
	Silicones (e.g. dimet	<10	
	(e.g. mineral)		
	Resins, polymers	<5	
	acetate, PVP)		
	Parfum		<2
	Humectants (e.g. p	propylone glycol)	<2
		nopylene glycol)	
	Ethoxylated glycols	and a section are a filter of	<2
	Neutralising agents (e.g. <i>aminometnyi</i>	<2
	propanol)		
	Additional ingredients	(e.g. UV filters,	<2
	vitamins)		
	Preservatives, antimic	robials	<2
	Cationic surfactants		<1
	Isopropyl esters of fatt	y acids	<1
	Hair dyeing agents, co	- I	<1
	Aqua		to 100
	<u> </u>	termined not to be hazardous	to 100
	Other ingredients de	termined not to be nazardous	10 100
	Section 4: First	Aid Measure	
Description of necessary	Swallowed:	If swallowed do not induce vom	itina. Give
first aide measures		a glass of water. Contact a doc	•
mot dide medadies		National Poison Information ce	
			ili C.
	_	Phone 0800-764766	
	Eyes:	If in eyes, hold eyes open, floor	d with
		water for at least 15 minutes ar	id see a
		Doctor if pain persists.	
	Skin:	Wash affected area with water.	If irritation
	J. Citari.	develops seek medical advice.	ii iiiitatioii
	labalad.	•	
	Inhaled:	Remove person to fresh air.	
Workplace facilities	Availability of water for rinsing of eyes or skin		
Required instructions			
Notes for medical	Treat symptomatically. If in eyes, recheck after one week.		
personal	The state of the s		
1			
	Soction 5: Fire Fig	shting mossuro	
	Section 5: Fire-Fig	Jiming measure	
Type of hazard	Flammable		
Fire hazard properties	If spilled or ruptured	will increase the intensity of fire	
Extinguishing media &	The material is not fl	ammable. In case of fire, water,	water fog.
methods	dry chemical, CO ₂ or foam can be used.		
	Cool adjacent contain		
Decommended	,		
Recommended	Not required		
Protective Clothing			
Section 6: Accidental Release Measure			
Procedures to be	Remove possible leaking containers. Remove all ignition		
covered	sources and ventilate area well.		
55 V C1 C G	1 courses and ventual	o di od vvoii.	

	Dilute emell	poillo with water		
		spills with water.	aboarb in inart material	
	For larger spills dilute with water and absorb in inert material (ie. sand or vermiculate).			
			and attack	
	Dispose of in	Dispose of in accordance with local regulations.		
	Section 7: F	landling and Storage	<u>e</u>	
Subsection 1				
Handling Practices	Skin:	Gloves (vinyl, rubber or when handling this products between products and s hydrogen peroxide. Disp be latex	uct or the mixture olutions containing	
	Eyes:	Eye protection should be avoid product contacting	e worn (safety glasses) to g the eyes.	
	Flammability	: Flammable – Keep awa ignition sources	y from heat, flame or	
Subsection 2				
Store site requirements	Store product stuffs.	t in a cool place out of su	in and away from food	
	Store away f	rom corrosive and oxidisi	ng products.	
		ordance with the Dangero		
Packaging	General Pac	kaging Requirements HS	NO P1 & P3	
	Packaging of	f single use products und	er 100ml must not be re-	
	sealable and contain disposal instructions under Section 13.			
	Packaging is able to handle drop of 0.5m without leakage			
	Packaging w	Packaging will not react with mixture or ingredients		
Section	8: Exposure	Control/Personal P	rotection	
Subsection 1: Workplace				
Workplace exposure	EXPOSURE		•	
standards	CHEMICAL	NAME:		
	Ethyl alcohol		1880mg/m ³ (1000ppm)	
	Or			
	Isopropyl alc	ohol	983mg/m ³ (400ppm)	
	Ammonia		17mg/m³(25ppm)	
	Ethanolamin	е	7.5mmg/ m ³ (3ppm)	
	*New Zealand	workplace Exposure Standard	• • • • • • • • • • • • • • • • • • • •	
Application in the	Warnings:	, ,		
workplace	_	contains ingredients which	ch may cause skin	
workplace This product contains ingredients which may cause skin irritation and sensitisation to certain individuals (ie.				
phenylendiamines). A preliminary skin test must be car		•		
	before use. (For test details see product pack copy).			
	Product must not be used for dyeing the eyelashes or			
	eyebrows.	· , · · · · · · · · · · · · · · · · · ·	•	
Exposure Standards	Not applicab	le		
outside the workplace				
Subsection 2: Engineer	ing Controls			
Hierarchy of controls	Ventilation			
instancing the definitions	, , , , , , , , , , , , , , , , , , , ,			

moacuros	PPE		
measures Exposure control	None		
measures	None		
No. Hazard indication	Hazard indication 3 is recommended	required but other signage FLAMMABLE LIQUIDS AREA NO SMOKING	
Mandilation on a ification	Lles is well ventileted as		
Ventilation specification	Use in well ventilated a		
Subsection 3: Personal		PPE)	
Detail specifications for equipment	this product Disposable Eyes: Eye protection should b contacting the eyes. Inhalation:	plastic) must be worn when handling gloves must not be latex e worn (safety glasses) to avoid product be worn when mixing or applying on a	
	808		
Specific route of exposure	Skin, Eyes and Inhalation		
	ACUTE EFFECTS: Swallow:	Harmful if swallowed. Product may cause irritation of the gastrointestinal tract.	
	Eye: Skin:	Corrosive to the eye. Avoid contact. Prolonged skin contact may cause skin irritation.	
	Inhaled:	At relatively high vapour concentrations ethyl or isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression.	
	CHRONIC EFFECTS:	Long term exposure to ethyl and isopropyl alcohol may result in irritation of the lining of the nose and mouth, headache, lack of concentration and drowsiness. Repeated skin contact may lead to dermatitis. Some aromatic amine dyes may cause dermatitis and allergic reactions in some individuals.	
General Hygiene	Wash or rinse any expo	sure from skin. Do not re-use gloves	

	directly contaminated.			
	•			
Section 9: Physical and Chemical Properties				
Specific Data for the product not the individual components	APPEARANCE: Coloured liquid with ether/alcohol odour			
Required Specifications	BOILING POINT: 35°C FLASH POINT: 23-61°C VAPOUR PRESSURE: Not Determined SPECIFIC GRAVITY: 0.85 - 1.0g/mL FLAMMABILITY LIMITS: Flammable pH: 5.0 - 11.7 SOLUBILITY IN WATER: Completely soluble			
Further specifications	Not applicable			
Specific advice	Not applicable			
S	ection 10: Stability and Reactivity			
Stability of the substance	Product is stable			
Conditions to Avoid	Not applicable			
Material to avoid	Oxidiser and corrosive materials			
Hazardous decomposition Products	None known			
Specific Data	None known			
•	ction 11: Toxicological Information			
Data and interpretation	Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Irritant to the eye. Avoid contact. Prolonged skin contact may cause skin irritation. At relatively high vapour concentrations ethyl or isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression.			
	Long term exposure to ethyl and isopropyl alcohol may result in irritation of the lining of the nose and mouth, headache, lack of concentration and drowsiness. Some aromatic amine dyes may cause contact dermatitis and allergic reactions in some individuals.			
Summaries data	Not available			
Format	Not available			
	antinu 40. Fantaninita lufan di			
	ection 12: Ecotoxicity Information			
Potential Environmental Interactions	Eco-toxic risk to animals and marine life in large volume spills. Low risk in consumer packaged products and in normal retail delivery volumes			

Data Organisation	All classes of terrestrial vertebrate and aquatic organisations Classes 9.1D and 9.3C
Environmental risk phrases	Not required
	action 42: Diamond Considerations
	ection 13: Disposal Considerations
Disposal information	No special consumer requirement as containers are expected to be fully used prior to disposal Do not reseal single use products Bulk or surplus products: Must not be disposed of through untreated drains or storm water systems. Surplus contents may be rinsed to dilute to below flammable
	levels to treated wastewater systems
Relevant information	Dispose of to lined landfill or approved incineration system and handle as flammable liquid at all times during disposal
	Section 14: Transport Information
	Section 14: Transport Information
Relevant Information	Display UN/HSNO Classes3, 6 and 9 in documentation Comply with land transport maximum package quantities Packaging Group III Label outer packaging with UN Classes and product identification Label risks toxic and eco-toxic
	FLAMMABLE TOXIC
Other requirements	
	Section 15: Regulatory Information
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 3 6,8 and 9 of control regulations • Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 - 70 Identification Regulations • Regulations 6,7,11, 32-35,36(1)-(7) • Regulations 25, 29-31,37-39,47-50, 51,52 Packaging Regulations • Regulations 5,6,7(1),8, 9, 11, 13 • Schedule 3
	Disposal Regulations Regulations 6, 8, 9, 10, 11, 12, 13, 14 Emergency Management

	• Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42		
	Tracking: • Not applicable Approved Handlers:		
	• •		
	Not applicable Transport Standard		
	Transport Standard		
O. wash allas	• NZS: 5433 1999		
Symbols:	UN/HSNO 3 is required		
	TOXIC FLAMMABLE LIQUIDS AREA NO SMOKING		
Risk phrases:	R10 - Flammable		
	R25 – Toxic if swallowed		
	R37 - Irritating to respiratory system		
	R41 - Risk of serious damage to eyes		
	Or combination risk phrases as appropriate		
Safety phrases	S2 Keep out of reach of children		
	S46 If swallowed, seek medical advice immediately and show		
	container or label		
	Or combination of safety phrases as appropriate		
	Section 16: Other Information		
Additional Information	None applicable		

Appendix 2.10 – Hair Shine/Styling Gel Material Safety Data Sheet for Product Use

Section 1: Identification of the substance/mixture					
Product Name:	Hair Shine / Styling Gel				
Recommended Use	Hair styling				
Product description	Gel				
•	Cosmetic Preparation				
	Concentration in use 100%				
	Packaged in small consumer quantities				
Company Details	Cosmetic Toiletry and Fragrance Ass				
Address	Private Bag 92-066, 159 Khyber Pass		d		
Telephone Number	09-3670913				
Emergency Telephone Number	National Poison Information centre. P	hone 0800-764	766		
Date of Preparation	31 March 2015				
•					
	Section 2: Hazards Identification	n			
Hazard Classification	Classification Category 3.1 – Flamma	ble Liquids			
	Classification Category 6.1D Acutely	Toxic, 6.4 – Eye	e Irritant,		
	Classification Category 9.1D Ecotoxic	to aquatic envi	ironment		
	Risk statements R10, R25 ,R36 and	R37			
	Or combination risk phrases as appro	priate			
	Safety statements S2 and S46				
	Or combination of safety phrases as appropriate				
	Swallow – Low toxicity by the oral route. May cause irritation of				
	the gastrointestinal tract. Depression of the central nervous				
	system may result in headaches and dizziness				
	Eye: Splashes in the eye may cause immediate stinging				
	sensation and tears. Transient reddening of the eye may also				
	occur				
	Skin: No appreciable irritation of the skin is expected				
	Inhaled: : At relatively high vapour concentrations ethyl and				
	isopropyl alcohol are irritants to the no		•		
	cause central nervous system depres		and may		
Required identification	Flammable				
Details					
Dotaile					
Section 3	: Composition/information on in	ngredients			
Classification and type	Classes 3.1, 6.1D, 6.4, and 9.1	_			
	Schedule 6 Minimum Degrees of Haz	ard – Interpreta	tion 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W		
	Ethanol (alcohol, alcohol denat.)		<50		
	Silicone derivatives (e.g. dimethicone)		<25		
	Humectants (e.g. glycerin, propylene		<20		

Resins, polymers (e.g. PVP, polyquaternium-11, VA/crotonates copolymer, butyl ester of PVMMA copolymer) Neutralising agent (e.g. aminomethyl propanol, triethanolamine) Surfactants, emulsifying agents (e.g. ethoxylated fatty acids) Isopropanol (isopropyl alcohol) (can be present in resins) Viscosity controlling agents (e.g. carbomer) Additional ingredients (e.g. UV filters, vitamins) Preservatives, antimicrobials, chelating agents Parlum Cosmetic colorants Aqua Other ingredients determined not to be hazardous Type of nazard Inhaled: Workplace facilities Required instructions Notes for medical personal Section 5: Fire-Fighting measure Type of hazard Fire hazard properties Extinguishing media & methods Recommended Protective Clothing Not required Recommended Procedures to be Remove possible leaking containers. Removeal lignition		glycol)			
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propanol, triethanolamine) Surfactants, emulsifying agents (e.g. ethoxylated fatty acids) Isopropanol (isopropyl alcohol) (can be present in resins) Viscosity controlling agents (e.g. <2 carbomer) Additional ingredients (e.g. UV filters, vitamins) Preservatives, antimicrobials, chelating agents Parfum Cosmetic colorants Aqua Other ingredients determined not to be hazardous to 100 Section 4: First Aid Measure Description of necessary first aide measures Eyes: If swallowed do not induce vomiting. Give a glass of water Eyes: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists. Skin: Wash affected area with water. Removed contaminated clothing and wash before reuse Inhaled: Required instructions Notes for medical personal Treat symptomatically. If in eyes, recheck after one week. Prype of hazard Highly Flammable Fire hazard properties Extinguishing media & methods Recommended Protective Clothing Section 6: Accidental Release Measure		butyl ester of PVM/MA copolymer)			
Isopropanol (isopropyi alcohol) (can be present in resins) Viscosity controlling agents (e.g. <2 <2 <2 <2 <2 <2 <2 <		propanol, triethanolan Surfactants, emulsify		<5	
Viscosity controlling agents (e.g. carbomer) Additional ingredients (e.g. UV filters, vitamins) Preservatives, antimicrobials, chelating agents Parfum Cosmetic colorants Aqua Other ingredients determined not to be hazardous To 100 Section 4: First Aid Measure Description of necessary first aide measures Swallowed: Eyes: If swallowed do not induce vomiting. Give a glass of water Eyes: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists. Skin: Workplace facilities Required instructions None required Required instructions Notes for medical personal Section 5: Fire-Fighting measure Type of hazard Fire hazard properties Extinguishing media & methods Recommended Protective Clothing Section 6: Accidental Release Measure		Isopropanol (isopropy			<5
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Cosmetic colorants Aqua Other ingredients determined not to be hazardous To 100 Section 4: First Aid Measure Description of necessary first aide measures Eyes: If swallowed do not induce vomiting. Give a glass of water Eyes: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists. Skin: Workplace facilities Required instructions Notes for medical personal Section 5: Fire-Fighting measure Type of hazard Fire hazard properties Extinguishing media & methods Recommended Protective Clothing Section 6: Accidental Release Measure		Preservatives, antimic agents	crobials, chelating		<1.5
Other ingredients determined not to be hazardous to 100 Section 4: First Aid Measure Description of necessary first aide measures Swallowed: If swallowed do not induce vomiting. Give a glass of water Eyes: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists. Skin: Wash affected area with water. Removed contaminated clothing and wash before reuse Inhaled: Required instructions Notes for medical personal Section 5: Fire-Fighting measure Type of hazard Fire hazard properties Extinguishing media & methods Recommended Protective Clothing Section 6: Accidental Release Measure					<1
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Section 4: First Aid Measure Description of necessary first aide measures Swallowed: Eyes: If swallowed do not induce vomiting. Give a glass of water Eyes: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists. Skin: Wash affected area with water. Removed contaminated clothing and wash before reuse Inhaled: Remove person to fresh air. Workplace facilities None required Required instructions Notes for medical personal Treat symptomatically. If in eyes, recheck after one week. Prope of hazard Fire hazard properties Extinguishing media & If spilled or ruptured will increase the intensity of the fire. Extinguishing media & In case of fire, water fog, fine water spray, dry chemical, CO ₂ or foam can be used to extinguish. Cool adjacent containers Not required Section 6: Accidental Release Measure		Otto i	4		4- 400
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Description of necessary first aide measures Swallowed:		Soction 4: Eirot	Aid Magaura		
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Section 5: Fire-Fighting measure Type of hazard Highly Flammable Fire hazard properties If spilled or ruptured will increase the intensity of the fire. Extinguishing media & In case of fire, water fog, fine water spray, dry chemical, CO ₂ or foam can be used to extinguish. Cool adjacent containers Recommended Protective Clothing Section 6: Accidental Release Measure		Treat symptomatical	lv. If in eves rech	eck after one w	eek.
Section 5: Fire-Fighting measure Type of hazard Highly Flammable Fire hazard properties If spilled or ruptured will increase the intensity of the fire. Extinguishing media & In case of fire, water fog, fine water spray, dry chemical, CO ₂ or foam can be used to extinguish. Cool adjacent containers Recommended Protective Clothing Section 6: Accidental Release Measure					
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Cool adjacent containers Recommended Protective Clothing Section 6: Accidental Release Measure		• • • • • • • • • • • • • • • • • • • •			
Protective Clothing Section 6: Accidental Release Measure					
Section 6: Accidental Release Measure	Recommended				
	Protective Clothing	-			
Procedures to be Remove possible leaking containers. Remove all ignition					
	Procedures to be	Remove possible lea	aking containers.	Remove all igni	tion

covered	sources and ventilate area.			
covered	Dilute small spills with water.			
	For larger spills, dilute with water and absorb in inert material			
	(sand or vermiculate).			
	Dispose of in accordance with local regulations.			
	Dispose of in accordance with local regulations.			
	Costion 7: Handling and Ctorons			
	Section 7: Handling and Storage			
Subsection 1				
Handling Practices	Handle as dangerous good and avoid practices that may			
Out a cation o	rupture or damage the container. Avoid heat or ignition sources			
Subsection 2	Otana anadust unnimbtia a saal mlass sut of dinast sumlimbt and			
Store site requirements	Store product upright in a cool place out of direct sunlight and			
	away from food stuffs. Store aware from corrosive and			
	oxidising products			
	Store in accordance with the Dangerous Goods regulations			
Dealeasins	Class 3			
Packaging	General Packaging Requirements HSNO P1 & P3			
	Should handle drop of 0.5 metres with out leaking contents			
	Packaging must not react with ingredients			
Castion	0. Evenous Control/Doscopol Brotostics			
	8: Exposure Control/Personal Protection			
-	e Exposure Guidelines (may also be in section 2)			
Workplace exposure	EXPOSURE LIMITS: NZOSH*			
standards	CHEMICAL NAME:			
	Ethyl alcohol 1880mg/M3 (1000ppm)			
	Isopropyl alcohol 983mg/M3 (400ppm			
Application in the	*New Zealand workplace Exposure Standards			
Application in the workplace	None required			
Exposure Standards	Not applicable			
outside the workplace	Not applicable			
Subsection 2: Engineeri	ing Controls			
Hierarchy of controls	Ventilation			
measures	PPE			
Exposure control	Highly flammable. Keep away from heat, flame or ignition			
measures	source			
No. Hazard indication	Hazard indication 3 is required above dangerous goods			
No. Hazard indication	storage threshold levels, but other signage recommended			
	Storage threshold levels, but other signage recommended			
	TOXIC PLAMMABLE CONTINUED TO TOXIC PLAMMABLE			
Ventilation engoification	Use in well ventilated areas			
Ventilation specification	Protective Equipment (PPE)			
Detail specifications for	Protect eyes when using			
equipment	i Toteot eyes when using			
equipinent				

Specific route of exposure	Skin, Eyes and Inhalation			
	ACUTE EFFECTS:			
	Swallow:	Low toxicity by the oral route. May cause irritation of the gastrointestinal tract. Depression of the central nervous system may result in		
	Eye:	headaches and dizziness Contact may irritate eye		
	Skin:	Prolonged and repeated skin contact		
		should be avoided		
	Inhaled:	At relatively high vapour		
		concentrations ethyl and isopropyl		
		alcohol are irritants to the nose and throat and may cause central nervous		
		system depression.		
	CHRONIC EFFECTS:	Chronic exposure to ethyl or isopropyl		
		alcohol may result in irritation of the		
		mucous membrane, headache, lack of		
		concentration and drowsiness. Prolonged or repeated skin contact		
		may result in dermatitis.		
General Hygiene	Wash or rinse any expo	·		
	n 9: Physical and Ch	nemical Properties		
Specific Data for the	APPEARANCE:			
product not the individual components	Clear pale yellow liquid			
Required Specifications	BOILING POINT: 35°C			
Troquired Openineations	FLASH POINT: 23°C			
	VAPOUR PRESSURE:	Not determined		
	SPECIFIC GRAVITY: 0	•		
	FLAMMABILITY LIMIT	S: Highly flammable		
	pH: Not Determined SOLUBILITY IN WATER: Completely Soluble			
Further specifications	Not applicable			
Specific advice	Not applicable			
Section 10: Stability and Reactivity				
Stability of the	Product is stable			
substance	AL C. II. C.			
Conditions to Avoid	Not applicable			
Material to avoid	None known			

Hazardous	None known			
decomposition Products				
Specific Data	None known			
Sec	ction 11: Toxicological Information			
Data and interpretation	Swallow – Low toxicity by the oral route. May cause irritation of the gastrointestinal tract. Depression of the central nervous system may result in headaches and dizziness Eye: Contact may irritate eye Skin: Prolonged and repeated skin contact should be avoided Inhaled: At relatively high vapour concentrations ethyl and isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression Chronic exposure to ethyl or isopropyl alcohol may result in irritation of the mucous membrane, headache, lack of concentration and drowsiness. Prolonged or repeated skin contact may result in dermatitis.			
Summaries data	Not available			
Format	Not available			
So	ection 12: Ecotoxicity Information			
Potential Environmental	Eco-toxic to marine life in large volume spills. Minimum risk in			
Interactions	consumer packaged products and in normal retail delivery			
	volumes while in final form.			
Data Organisation	All classes of aquatic organisations Classes 9.1D			
Environmental risk phrases	Not required			
	ction 13: Disposal Considerations			
Disposal information	Products likely to be used fully prior to disposal by consumers			
	Bulk or surplus products:			
	Must be disposed of in accordance with local regulations for			
	dangerous goods. Dispose of to lined landfill			
Relevant information				
Section 14: Transport Information				
Relevant Information	Dangerous Goods Transport Rules apply			
	Display UN Classes 3, 6 and 9 in documentation			
	Comply with land transport maximum package quantities			
	Packaging Group III			
	Label outer packaging with UN Classes and product			
	identification only			
	Label risks toxic and eco-toxic may be displayed			

	FLAMMABLE			
Othor requirements				
Other requirements				
S	ection 15: Regulatory Information			
Regulatory Status	HSNO Regulations			
	The HSNO Approval Number for the Cosmetic Group			
	Standard is HSR002552 Classes 3, 6, and 9 of control regulations			
	• Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58,			
	59, 60 – 70, 81, 83, 84,85			
	Identification Regulations			
	• Regulations 6,7,11, 32-35,36(1)-(7)			
	 Regulations 25, 29-31,37-39, 43, 47-50, 51,52 Packaging Regulations 			
	• Regulations 5,6,7(1),8, 9, 11, 13			
	Schedule 3			
	Disposal Regulations			
	• Regulations 6, 8, 9, 10, 11, 12, 13, 14			
	Emergency ManagementRegulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-			
	29, 25-34, 35-41, 42			
	Tracking:			
	Not required Approved Handlers:			
	Approved Handlers: • Not required for normal use			
	Transport Standard			
	• NZS: 5433 1999			
Symbols:				
	UN/HSNO 3 is required			
	FLAMMABLE			
	LIQUIDS AREA			
	TOXIC PLANMABLE LIQUID NO SMOKING			
Risk phrases:	R10 - Flammable			
	R25 – Toxic if swallowed			
	R36 - Irritating to eyes R37 - Irritating to respiratory system			
	Or combination risk phrases as appropriate			
Safety phrases	S2 Keep out of reach of children			
	S46 If swallowed, seek medical advice immediately and show			
	container or label			

	Or combination of safety phrases as appropriate		
Section 16: Other Information			
Additional Information	No additional information available		

Appendix 2.11 – Mousses – (Aerosol) Material Safety Data Sheet for Product Use

Section '	1: Identification of the substanc	e/mixture			
Product Name:	Hair Mouse				
Recommended Use	Hair styling preparation				
Product description	Aerosol dispensing white foam				
·	Cosmetic Preparation				
	Concentration in use 100%				
	Packaged in small consumer quantities				
Company Details	Cosmetic Toiletry and Fragrance Ass				
Address	Private Bag 92-066, 159 Khyber Pass	Road Auckland	d		
Telephone Number	09-3670913				
Emergency Telephone	National Poison Information centre. P	hone 0800-764	766		
Number					
Date of Preparation	31 March 2015				
·					
	Section 2: Hazards Identification	n			
Hazard Classification	Classification Category 2.1.2 - Flamn	nable aerosol			
	Classification Category 6.1D Acutely	Toxic, 6.4 – Eye	Irritant,		
	Classification Category 9.1D Ecotoxic	to aquatic envi	ronment		
	Risk statements R10, R25 ,R36 and	R37			
	Or combination risk phrases as appro	priate			
	Safety statements S2 and S46				
	Or combination of safety phrases as appropriate				
	Swallow – Low toxicity by the oral route. May cause irritation of				
	the gastrointestinal tract. Depression of the central nervous				
	system may result in headaches and dizziness				
	Eye: Contact may irritate eye				
	Skin: Prolonged and repeated skin contact should be avoided				
	Inhaled: Inhalation of aerosol products may cause irritation to				
	the nose and throat				
Required identification	Flammable				
Details					
	: Composition/information on in	ngredients			
Classification and type	Classes 2.1, 6.1, 6.4, and 9.1				
	Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)				
Mixture	Ingredient	CAS No	% W/W		
WINCO	Ethanol (alcohol, alcohol denat.)	0,10110	<30		
	Propellants (e.g. hydrocarbons,		<30		
	dimethyl ether, compressed gas)				
	Silicone derivatives (e.g.		<10		
	amodimethicone) and mineral oils				
	(e.g. paraffinum liquidum)				

	Film forming agents, (e.g. polyvinyl acetate polyquaternium-4) agent (e.g. aminometh	, PVP, and neutralising	<10		
	Polyglycol ethers	<5 <5			
	quaternium-27, cetrimonium chloride) Non-ionic surfactants (e.g. oleth-20)				
	Plasticisers (e.g. <i>triacetin</i> , lanolin derivatives) Preservatives, antimicrobials Additional ingredients (e.g. UV filters,				
	vitamins) Cosmetic colorants Parfum	, (c.g. ov inters,	<1 <0.2		
	Aqua	etermined not to be hazardous	to 100		
	Other ingredients de	termined not to be mazardous	ן נט זטט		
	Section 4: First	Aid Measure			
Description of necessary	Swallowed:	If swallowed do not induce von	niting. Give		
first aide measures		a glass of water	J		
	Eyes:	If in eyes, hold eyes open, floo			
		water for at least 15 minutes ar	nd see a		
	01.	Doctor if pain persists.			
	Skin:	Wash affected area with water.			
Morkplace facilities	Inhaled:	Remove person to fresh air.			
Workplace facilities Required instructions	None required				
Notes for medical personal	Treat symptomatical	lly. If in eyes, recheck after one v	week.		
	Section 5: Fire-Fig	ghting measure			
Type of hazard	Flammable	and respective when evened to be	at arostor		
Fire hazard properties	than 50°C.				
Extinguishing media & methods	In case of fire, water fog, fine water spray, dry chemical, CO ₂ or foam can be used to extinguish. Cool adjacent containers				
Recommended Protective Clothing	Not required				
Section 6: Accidental Release Measure					
Procedures to be	T	sources and ventilate area. Rem	ove		
covered	possible leaking containers.				
	Dilute spills with water.				
	Dispose of in accordance with local regulations.				
	Opation 7: Here allies as and Of				
Section 7: Handling and Storage					

Subsection 1			
Handling Practices	Handle as dangerous good and avoid practices that may		
	rupture or damage the container.		
	Avoid heat or ignition so		
Subsection 2	Transfer of ignation of		
Store site requirements	Store product in a cool place out of direct sunlight and away		
Store one requirements	from food stuffs and corrosive materials.		
		h the Dangerous Goods regulations	
	class 2	in the Bangeroad Coda regulations	
Packaging		quirements HSNO P1 & P3	
1 dokaging	Pack to Aerosol regulat		
	Tack to Acrosor regular	10113	
Section	 	/Porconal Protection	
		/Personal Protection	
		(may also be in section 2)	
Workplace exposure	EXPOSURE LIMITS:	NZOSH*	
standards	CHEMICAL NAME:	1000 (3/1000)	
	Hydrocarbon Propellant	: LPG 1880mg/m ³ (1000ppm)	
	(Propane-Butane)	4000 (4000	
	Ethyl alcohol	1880mg/M3 (1000ppm)	
	*New Zealand workplace Ex	posure Standards	
Application in the	None required		
workplace			
Exposure Standards	Not applicable		
outside the workplace			
Subsection 2: Engineer			
Hierarchy of controls	Ventilation		
measures	PPE		
Exposure control	None		
measures			
No. Hazard indication	Hazard indication 2 is r	required above threshold levels, but	
	other signage recomme	nded	
	TOXIC FLAMMABLE GAS		
	TOXIC FLAMMABLE GAS		
	2		
Ventilation specification	Use in well ventilated areas		
Subsection 3: Personal			
Detail specifications for	No specific protection e		
equipment	The speaking protocolori o		
Specific route of	Skin, Eyes and		
exposure	Inhalation		
	ACUTE EFFECTS:		
	Swallow:	Low toxicity by the oral route. May	
	Ciranovi.	cause irritation of the gastrointestinal	
		tract. Depression of the central	
		nervous system may result in	
		headaches and dizziness	
	1	TIGGGGGTTGG GITG GIZZITIGGG	

	1 -		
	Eye:	Contact may irritate eye	
	Skin:	Prolonged and repeated skin contact	
		should be avoided	
	Inhaled:	Inhalation of aerosol products may	
		cause irritation to the nose and throat	
	CHRONIC EFFECTS:	Long term or repeated exposure may	
		lead to skin dryness.	
Conoral Hygiana	Week or rings any eyne	•	
General Hygiene	Wash or rinse any expo	sure irom skin.	
	n 9: Physical and Ch	nemical Properties	
Specific Data for the	APPEARANCE:		
product not the	White Foam		
individual components			
Required Specifications	BOILING POINT: Not d	etermined	
т то чато о о о о от тога от тога	FLASH POINT: -87°C		
	VAPOUR PRESSURE:	118 _ 517KPa	
	SPECIFIC GRAVITY: 0		
	FLAMMABILITY LIMIT	•	
		5. 1.9 – 9.5%	
	pH: 4.0 – 7.0	5 0 17 1 111	
	SOLUBILITY IN WATE	R: Completely soluble	
Further specifications	Not applicable		
Specific advice	Not applicable		
S	ection 10: Stability a	nd Reactivity	
Stability of the	Product is stable	<u> </u>	
substance			
Conditions to Avoid	Fire and excessive heat	COURCES	
Material to avoid	Fire and excessive heat sources		
	Corrosive materials		
Hazardous	None known		
decomposition Products			
Specific Data	None known		
Sec	ction 11: Toxicologic	cal Information	
Data and interpretation	Swallow - Low toxicity to	by the oral route. May cause irritation of	
·		t. Depression of the central nervous	
	system may result in he		
	Eye: Contact may irritate		
		peated skin contact should be avoided	
		erosol products may cause irritation to	
	the nose and throat	broadi producta may cause imitation to	
		um or repeated assessment to all to	
	_	erm or repeated exposure may lead to	
	skin dryness.		
Summaries data	Not available		
Format	Not available		
Sc	ection 12: Ecotoxicit	y Information	
Potential Environmental		in large volume spills. Minimum risk in	
. Storidar Environmental		a.go volamo opino. Miliminani nok ili	

Interactions	consumer packaged products and in normal retail delivery
	volumes
Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk	Not required
phrases	
S	ection 13: Disposal Considerations
Disposal information	Do not puncture or incinerate cans. Once used aerosol poses
	no risk for normal waste disposal
	Bulk or surplus products:
	Must be disposed of in accordance with local regulations for
	dangerous goods and in accordance with the disposal of aerosol products
Relevant information	Dispose to a lined landfill once aerosol handling has been
Troiovant information	addressed or once degassed for recycling of metal components
,	Section 14: Transport Information
Relevant Information	Display UN Classes 6 and 9 in documentation
	Comply with land transport maximum package quantise
	Packaging Group III
	Label outer packaging with UN Classes and product identification
	Label risks toxic and eco-toxic
	Label risks toxic and eco-toxic
	FLAMMABLE GAS TOXIC
Other requirements	V
Other requirements	
5	Section 15: Regulatory Information
Regulatory Status	HSNO Regulations
	The HSNO Approval Number for the Cosmetic Group
	Standard is HSR002552
	Classes 2, 6,8 and 9 of control regulations
	• Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 – 70, 81, 83, 84,85
	Identification Regulations
	 Regulations 6,7,11, 32-35,36(1)-(7)
	• Regulations 25, 29-31,37-39, 43, 47-50, 51,52
	Packaging Regulations
	• Regulations 5,6,7(1),8, 9, 11, 13
	 Schedule 3 Disposal Regulations
	Regulations 6, 8, 9, 10, 11, 12, 13, 14
	1 10 11 12, 13, 14

	Emergency Management
	• Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18- 29, 25-34, 35-41, 42
	Tracking:
	• 4(1), 5, 6
	Approved Handlers:
	Not applicable
	Transport Standard
	• NZS: 5433 1999
Symbols:	UN/HSNO 2 is required
Risk phrases:	R10 - Flammable
Nisk piliases.	R25 – Toxic if swallowed
	R36 - Irritating to eyes
	R37 - Irritating to respiratory system
	Or combination risk phrases as appropriate
Safety phrases	S2 Keep out of reach of children
	S46 If swallowed, seek medical advice immediately and show
	container or label
	Or combination of safety phrases as appropriate
	Section 16: Other Information
Additional Information	No additional information available

Appendix 2.12 Hair Spray Aerosol Material Safety Data Sheet for Product Use

Section '	1: Identification of the substance/mixture	
Product Name:	Hairspray/Lacquer	
Recommended Use	Hair styling preparation for Hair positioning	
Product description	Aerosol dispensing clear liquid	
·	Cosmetic Preparation	
	Concentration in use 100%	
	Packaged in small consumer quantities	
	HAZCHEM Code: 2Y	
Company Details	Cosmetic Toiletry and Fragrance Association Inc.	
Address	Private Bag 92-066, 159 Khyber Pass Road Auckland	
Telephone Number	09-3670913	
Emergency Telephone	National Poison Information centre. Phone 0800-764766	
Number Date of Proparation	31 March 2015	
Date of Preparation	31 Walch 2013	
9	│ Section 2: Hazards Identification	
Hazard Classification	Classification Category 2.1.2 – Flammable aerosol	
l lazara Olassilication	Classification Category 6.1D Acutely Toxic, 6.4 – Eye Irritant,	
	6.5 – Sensitiser	
	Classification Category 9.1D Ecotoxic to aquatic environment	
	Risk Statements	
	R10, R25, R36 and R37	
	Safety statements	
	S2 and S46	
	Or combination risk and safety phrases as appropriate	
	, , , , , , ,	
	Swallow – Low toxicity by the oral route. May cause irritation of	
	the gastrointestinal tract. Depression of the central nervous	
	system may result in headaches and dizziness	
	Eye: Splashes in the eye may cause immediate stinging	
	sensation and tears	
	Skin: No appreciable irritation of the skin is expected.	
	Inhaled: At relatively high vapour concentrations ethyl and	
	isopropyl alcohol are irritants to the nose and throat and may	
	cause central nervous system depression.	
	Chronic Effects: Long term exposure to ethyl and isopropyl	
	alcohol may result in irritation of the nose and mouth,	
	headaches, lack of concentration and drowsiness. Prolonged or	
Descripted identification	repeated skin contact may lead to dermatitis	
Required identification	Flammable, Poison, Avoid contact with skin	
Details		
Santia - 2	Composition/information or ingredients	
Section 3	: Composition/information on ingredients	

Classification and type	Classes 2.1, 6.1, 6.3, 6.4, 6.5 and 9.1 Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)			
Mixture	Ingredient		CAS No	% W/W
Mixtaro	Ethanol and/or isopropanol (alcohol,		0710110	<95
	alcohol denat., isoprop			
				<90
	Propellants (e.g. dimethyl ether,			
	hydrocarbons, hydroflu Solvents (e.g. <i>ac</i>	,		<25
	Solvents (e.g. ad silicones)	cetone, volatile		<25
	Resins, polymers	(e.g. PVP/VA		<8.5
	copolymer, VA/crotona	` `		
	butyl ester of PVM/MA			
	Neutralising agent (e.g. <i>aminomethyl</i>		
	propanol)	- wi 4i		
	Alkoxylated glucose de Additional ingredients			<2
	vitamins)	(e.g. Ov iliters,		_2
	Plasticisers (e.g. lar	nolin derivatives,		<2
	silicone oil)	,		
	Preservatives, antimic	robials		<1
	Parfum			<1
	Aqua	4 to 4		< to 100
	Other ingredients de	termined not to be	e nazardous	to 100
	Section 4: First	Aid Mossuro		
Description of necessary	Swallowed:	If swallowed do	not induce yem	iting Civo
first aide measures	Swallowed.	a glass of water.		•
mot aide mededies		National Poison		
		Phone 0800-764		
	Eyes:	If in eyes, hold e		d with
		water for at leas	•	
		Doctor if pain pe	ersists.	
	Skin:	Wash affected a	rea with water.	
	Inhaled:	Remove person	to fresh air.	
Workplace facilities	None required	T		
Required instructions				
Notes for medical	Treat symptomatically. If in eyes, recheck after one week.		veek.	
personal				
	 	hting mass:	•	
Type of hazard	Section 5: Fire-Fig	Jilling measur	U	
Fire hazard properties	Highly Flammable	than air distant i	anition source	nossible
The hazara properties	Fire hazard properties Vapours are heavier than air, distant ignition source possible. Closed containers may rupture when exposed to heat greater than 50°C. May react with oxidising agents. May produce toxic			
			•	
	vapours on decomposition.			
Extinguishing media &	In case of fire, water fog, fine water spray, dry chemical, CO ₂ or			
methods	foam can be used to extinguish.			
	Cool adjacent containers			

Recommended Protective Clothing	Not required
Sec	tion 6: Accidental Release Measure
Procedures to be covered	Remove all ignition sources and ventilate area. Remove possible leaking containers. Dilute spills with water. Dispose of in accordance with local regulations.
	Section 7: Handling and Storage
Subsection 1	Section 7. Handling and Storage
Handling Practices	Handle as dangerous good and avoid practices that may rupture or damage the container. Avoid heat or ignition sources
Subsection 2	· · · · · · · · · · · · · · · · · · ·
Store site requirements	Store product in a cool place out of direct sunlight and away from food stuffs and corrosive materials. Store away from corrosive and oxidising products. Store in accordance with the Dangerous Goods regulations class 2
Packaging	General Packaging Requirements HSNO P1 & P3 Pack to Aerosol regulations and Controls
	8: Exposure Control/Personal Protection
	te Exposure Guidelines (may also be in section 2)
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Hydrocarbon Propellant LPG 1880mg/m³ (1000ppm) (Propane-Butane) Ethyl alcohol 1880mg/M3 (1000ppm) *New Zealand workplace Exposure Standards
Application in the workplace	Warnings: Warning intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
Exposure Standards outside the workplace	Not applicable
Subsection 2: Engineer	
Hierarchy of controls measures	Ventilation PPE
Exposure control measures	None
No. Hazard indication	Hazard indication 2 is required but other signage recommended TOXIC RAMMABLE GAS TOX
Ventilation specification	Use in well ventilated areas

Subsection 3: Personal Protective Equipment (PPE)				
Detail specifications for	Skin:			
equipment	No specific equipment required			
	Eyes:			
	1	e worn (safety glasses) to avoid product		
	contacting the eyes.	contacting the eyes.		
Specific route of	Skin, Eyes and			
exposure	Inhalation			
	ACUTE EFFECTS:			
	Swallow:	Low toxicity by the oral route. May		
		cause irritation of the gastrointestinal		
		tract. Depression of the central		
		nervous system may result in		
	_	headaches and dizziness		
	Eye:	Splashes in the eye may cause		
		immediate stinging sensation and		
	Skin:	tears No appreciable irritation of the skin is		
	OKIII.	expected.		
	Inhaled:	At relatively high vapour		
	minarou.	concentrations ethyl and isopropyl		
		alcohol are irritants to the nose and		
		throat and may cause central nervous		
		system depression.		
	CHRONIC EFFECTS:	Long term exposure to ethyl and		
		isopropyl alcohol may result in		
		irritation of the nose and mouth,		
		headaches, lack of concentration and		
		drowsiness. Prolonged or repeated		
Conoral Hygiana	Mach or rings any syna	skin contact may lead to dermatitis		
General Hygiene	Wash or rinse any expo	Sure HOIII SKIII.		
Castia	n Or Dhysical and Ch	nomical Proporties		
	n 9: Physical and Ch APPEARANCE:	iennoai Froperties		
Specific Data for the product not the				
individual components	Clear liquid			
Required Specifications	BOILING POINT: Not d	etermined		
qada epoomoatono	FLASH POINT: -87°C			
	VAPOUR PRESSURE: 275 – 345KPa			
	SPECIFIC GRAVITY: 0.86 – 0.90g/mL			
	FLAMMABILITY LIMITS: 1.9 – 9.5%			
	pH : 6.0 - 8.5			
	SOLUBILITY IN WATER: Completely soluble			
Further specifications	Not applicable			

Specific advice	Not applicable	
Section 10: Stability and Reactivity		
Stability of the	Product is stable	
substance		
Conditions to Avoid	Not applicable	
Material to avoid	Corrosive materials	
Hazardous	None known	
decomposition Products		
Specific Data	None known	
Soc	tion 11: Toxicological Information	
Data and interpretation	Swallow – Low toxicity by the oral route. May cause irritation of	
Data and interpretation	the gastrointestinal tract. Depression of the central nervous system may result in headaches and dizziness Eye: Splashes in the eye may cause immediate stinging sensation and tears Skin: No appreciable irritation of the skin is expected.	
	Inhaled: At relatively high vapour concentrations ethyl and isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression.	
	Chronic Effects: Long term exposure to ethyl and isopropyl alcohol may result in irritation of the nose and mouth,	
	headaches, lack of concentration and drowsiness. Prolonged or repeated skin contact may lead to dermatitis	
Summaries data	Not available	
Format	Not available	
Se	ection 12: Ecotoxicity Information	
Potential Environmental Interactions	Eco-toxic to marine life in large volume spills. Minimum risk in consumer packaged products and in normal retail delivery volumes and in aerosol form	
Data Organisation	All classes of aquatic organisations Classes 9.1D	
Environmental risk phrases	Not required	
	ction 13: Disposal Considerations	
Disposal information	Do not puncture or incinerate cans. Bulk or surplus products: Must be disposed of in accordance with local regulations for	
	dangerous goods	
Relevant information	Dispose of to lined landfill	
	ection 14: Transport Information	
Relevant Information	Display UN Classes 6 and 9 in documentation Comply with land transport maximum package quantise Packaging Group III	

	CIFA Cosmetics wisds models - version 6	
	Label outer packaging with UN Classes and product	
	identification	
	Label risks toxic and eco-toxic	
	FLAMMABLE GAS TOXIC	
	2	
Other requirements	<u> </u>	
Other requirements		
	Section 15: Regulatory Information	
Regulatory Status	HSNO Regulations	
regulatory Status	The HSNO Approval Number for the Cosmetic Group	
	Standard is HSR002552	
	Classes 2, 6,8 and 9 of control regulations	
	D	
	• Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 – 70, 81, 83, 84,85	
	Identification Regulations	
	• Regulations 6,7,11, 32-35,36(1)-(7)	
	• Regulations 25, 29-31,37-39, 43, 47-50, 51,52	
	Packaging Regulations	
	• Regulations 5,6,7(1),8, 9, 11, 13	
	Schedule 3 Diagonal Populations	
	Disposal Regulations	
	• Regulations 6, 8, 9, 10, 11, 12, 13, 14	
	Emergency Management	
	• Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-	
	29, 25-34, 35-41, 42 Tracking:	
	• 4(1), 5, 6 Approved Handlers:	
	Not applicable	
	Transport Standard	
	• NZS: 5433 1999	
Symbols:	1120.0400 1000	
Cyrribolo.		
	TOXIC PLANMABLE CAS	
	UN/HSNO 3 is required	
Risk phrases:	UN/HSNO 3 is required R10 - Flammable	
Mak piliaaca.	R25 – Toxic if swallowed	
	R36 - Irritating to eyes	
	R37 - Irritating to eyes R37 - Irritating to respiratory system	
	Or combination risk phrases as appropriate	
Safety phrases	S2 Keep out of reach of children	
Calcty philases	1 02 Neep out of reach of children	

	S46 If swallowed, seek medical advice immediately and show container or label Or combination of safety phrases as appropriate
	Section 16: Other Information
Additional Information	No additional information available

Appendix 2.13 Hair Spray – Pump Spray Material Safety Data Sheet for Product Use

Section '	1: Identification of the substance/mixture
Product Name:	Hairspray/Lacquer
Recommended Use	Hair styling preparation for Hair positioning
Product description	Clear Liquid
•	Cosmetic Preparation
	Concentration in use 100%
	Packaged in small consumer quantities
Company Details	Cosmetic Toiletry and Fragrance Association Inc.
Address	Private Bag 92-066, 159 Khyber Pass Road Auckland
Telephone Number	09-3670913
Emergency Telephone	National Poison Information centre. Phone 0800-764766
Number	
Date of Preparation	31 March 2015
•	
	Section 2: Hazards Identification
Hazard Classification	Classification Category 3 – Flammable Liquid
	Classification Category 6.1D Acutely Toxic, 6.4 – Eye Irritant,
	6.5 – Sensitiser
	Classification Category 9.1D Ecotoxic to aquatic environment
	Risk statements R10, R25 ,R36 and R37
	Or combination risk phrases as appropriate
	Safety statements S2 and S46
	Or combination of safety phrases as appropriate
Required identification Details	Swallow – Low toxicity by the oral route. May cause irritation of the gastrointestinal tract. Depression of the central nervous system may result in headaches and dizziness Eye: Splashes in the eye may cause immediate stinging sensation and tears Skin: No appreciable irritation of the skin is expected. Inhaled: At relatively high vapour concentrations ethyl and isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression. Chronic Effects: Long term exposure to ethyl and isopropyl alcohol may result in irritation of the nose and mouth, headaches, lack of concentration and drowsiness. Prolonged or repeated skin contact may lead to dermatitis Flammable, Poison, Avoid contact with skin
Section 3	: Composition/information on ingredients
Classification and type	Classes 2.1, 6.1, 6.3, 6.4, 6.5 and 9.1 Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)

Mixture	Ingredie	ent	CAS No	% W/W
	Ethanol and/or isopr			<95
	alcohol denat., iso			.05
	` •	cetone, volatile		<25
	silicones) Resins, polymers	(e.g. PVP/VA		<8.5
	copolymer, VA/crotona			\0.5
	butyl ester of PVM/MA			
	Neutralising agent (e			
	propanol)			
	Alkoxylated glucose de			
	Additional ingredients	(e.g. UV filters,		<2
	vitamins)	alia davivativas		10
	Plasticisers (e.g. lar silicone oil)	iolin derivatives,		<2
	Preservatives, antimic	robials		<1
	Parfum			<1
	Aqua		<u> </u>	< to 100
	Other ingredients de	termined not to b	e hazardous	to 100
	Section 4: First			
Description of necessary	Swallowed:	If swallowed do		•
first aide measures		a glass of water		
		National Poison		ntre.
	5	Phone 0800-764		ملئني ا
	Eyes:	If in eyes, hold e		
		water for at leas		u see a
	Skin:	Doctor if pain pe		
	Inhaled:	Wash affected area with water. Remove person to fresh air.		
Workplace facilities	None required			
Required instructions	140/10 required			
Notes for medical	Treat symptomatical	lv If in eves rech	neck after one w	/eek
personal	Trout dymptomation	.y.	iook artor one vi	
	Section 5: Fire-Fig	ıhting measur	е	
Type of hazard	Highly Flammable			'1 '
Fire hazard properties	Vapours are heavier			
	Closed containers m			
	than 50°C. May reac	•	gents. May prod	auce toxic
Extinguishing gooding	vapours on decompo		anavi almirala aradi	nal CO a::
Extinguishing media & methods	In case of fire, water fog, fine water spray, dry chemical, CO ₂ or		\mathcal{S} ai, \mathcal{O} \mathcal{O} 2 or	
methods	foam can be used to extinguish. Cool adjacent containers			
Recommended	Not required	11019		
Protective Clothing	i vot i equileu			
1 TOLOGUVE CICUITING				
Section 6: Accidental Release Measure				
Procedures to be	Remove all ignition s	sources and venti	late area. Remo	ove

a a v a ra d	naccible leaking containers	
covered	possible leaking containers. Dilute spills with water.	
	Dispose of in accordance with I	local regulations
	Dispose of in accordance with i	local regulations.
	□ Section 7: Handling and St	torago
Subsection 1	Section 7. Handling and St	torage
	Handle as dengarate good and	d avoid practices that may
Handling Practices	Handle as dangerous good and	er. Avoid heat or ignition sources
Subsection 2	Trupture or damage the containe	er. Avoid fleat of ignition sources
Store site requirements	Store product in a cool place or	ut of direct sunlight and away
Store site requirements	ore site requirements Store product in a cool place out of direct sunlight and aw from food stuffs and corrosive materials.	
	Store away from corrosive and	
	Store in accordance with the Da	
	class 3	angerous coods regulations
Packaging	General Packaging Requirement	nts HSNO P1 & P3
	Packaging must not react with i	
Section	8: Exposure Control/Perso	nal Protection
	e Exposure Guidelines (may al	
Workplace exposure		OSH*
standards	CHEMICAL NAME:	_
	Isopropanol	1880mg/m³ (1000ppm)
	Ethyl alcohol	1880mg/M3 (1000ppm)
	*New Zealand workplace Exposure S	Standards
Application in the	Warnings:	
workplace	Warning intentional misuse by	
5 01 1	inhaling contents can be harmfo	ul or fatal.
Exposure Standards	Not applicable	
outside the workplace	ing Controls	
Subsection 2: Engineer Hierarchy of controls	Ventilation	
measures	PPE	
Exposure control	None	
measures	110110	
No. Hazard indication	Hazard indication 3 is required	but other signage
	recommended	5 5
		_
		6
	TOXIC FLAMMABLE LIQUID	(X/)
		O
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal	Protective Equipment (PPE)	
Detail specifications for	Skin:	
equipment	No specific equipment required	
	Eyes:	, , , , , , , , , , , , , , , , , , , ,
		(safety glasses) to avoid product
	contacting the eyes.	

Specific route of exposure	Skin, Eyes and Inhalation	
	ACUTE EFFECTS:	
	Swallow:	Low toxicity by the oral route. May cause irritation of the gastrointestinal tract. Depression of the central nervous system may result in headaches and dizziness
	Eye:	Splashes in the eye may cause immediate stinging sensation and tears
	Skin:	No appreciable irritation of the skin is expected.
	Inhaled:	At relatively high vapour concentrations ethyl and isopropyl alcohol are irritants to the nose and
		throat and may cause central nervous system depression.
	CHRONIC EFFECTS:	Long term exposure to ethyl and
		isopropyl alcohol may result in
		irritation of the nose and mouth,
		headaches, lack of concentration and
		drowsiness. Prolonged or repeated skin contact may lead to dermatitis
General Hygiene	Wash or rinse any expo	•
- Control of the state of the s	Tradition miles any expe	
Sectio	n 9: Physical and Ch	nemical Properties
Specific Data for the	APPEARANCE:	•
product not the	Clear liquid	
individual components		
Required Specifications	BOILING POINT: Not determined FLASH POINT: -87°C VAPOUR PRESSURE: 275 – 345KPa	
	SPECIFIC GRAVITY: 0	•
	FLAMMABILITY LIMIT pH: 6.0 - 8.5	5: 1.9 – 9.5%
	-	R: Completely soluble
Further specifications	SOLUBILITY IN WATER: Completely soluble Not applicable	
Specific advice	Not applicable	
	ection 10: Stability a	nd Reactivity
Stability of the substance	Product is stable	

Conditions to Avoid	Not applicable
Material to avoid	Corrosive materials
Hazardous	None known
decomposition Products	
Specific Data	None known
Sec	tion 11: Toxicological Information
Data and interpretation	Swallow – Low toxicity by the oral route. May cause irritation of the gastrointestinal tract. Depression of the central nervous system may result in headaches and dizziness Eye: Splashes in the eye may cause immediate stinging sensation and tears Skin: No appreciable irritation of the skin is expected. Inhaled: At relatively high vapour concentrations ethyl and isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression. Chronic Effects: Long term exposure to ethyl and isopropyl alcohol may result in irritation of the nose and mouth, headaches, lack of concentration and drowsiness. Prolonged or
	repeated skin contact may lead to dermatitis
Summaries data	Not available
Format	Not available
	ation 40. For tooloite information
	ection 12: Ecotoxicity Information
Potential Environmental Interactions	Eco-toxic to marine life in large volume spills. Minimum risk in consumer packaged products and in normal retail delivery volumes and nil if used as directed
Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk phrases	Not required
0.5	ation 40. Diamagal Canaldanations
	ction 13: Disposal Considerations
Disposal information	Do not incinerate or burn partially used containers Do not dispose to untreated waste systems Bulk or surplus products: Must be disposed of in accordance with local regulations for dangerous goods. Flammable material may be diluted to non-flammable status.
Relevant information	Dispose to an approved disposal system with lined landfill
S	ection 14: Transport Information
Relevant Information	Display UN Classes 3, 6 and 9 in documentation Comply with land transport maximum package quantise Packaging Group III Label outer packaging with UN Classes and product identification Label risks toxic and eco-toxic

	A
	FLAMMABLE TOXIC
Other requirements	
	ection 15: Regulatory Information
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 2, 6,8 and 9 of control regulations • Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 – 70, 81, 83, 84,85 Identification Regulations • Regulations 6,7,11, 32-35,36(1)-(7) • Regulations 25, 29-31,37-39, 43, 47-50, 51,52 Packaging Regulations • Regulations 5,6,7(1),8, 9, 11, 13 • Schedule 3 Disposal Regulations • Regulations 6, 8, 9, 10, 11, 12, 13, 14 Emergency Management • Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42 Tracking: • Not applicable Approved Handlers:
	Not applicable Transport Standard
	• NZS: 5433 1999
Symbols:	UN 3 is required
Risk phrases:	R10 - Flammable R25 - Toxic if swallowed R36 - Irritating to eyes R37 - Irritating to respiratory system Or combination risk phrases as appropriate
Safety phrases	S2 Keep out of reach of children

	S46 If swallowed, seek medical advice immediately and show container or label Or combination of safety phrases as appropriate
	Section 16: Other Information
Additional Information	No additional information available

Appendix 2.14 – Permanent Wave Lotion - 1 Material Safety Data Sheet for Product Use

Section '	1: Identification of the substance	e/mixture	
Product Name:	Permanent Wave		
Recommended Use	Permanent waving of Hair		
Product description	Liquid with characteristic odour		
·	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantitie	es	
Company Details	Cosmetic Toiletry and Fragrance Ass	ociation Inc.	
Address	Private Bag 92-066, 159 Khyber Pass		d
Telephone Number	09-3670913		
Emergency Telephone	National Poison Information centre. P	hone 0800-764	766
Number			
Date of Preparation	31 March 2015		
•			
,	Section 2: Hazards Identificatio	n	
Hazard Classification	Classification Category 6.1D Acutely	Toxic, 6.4 – Eye	Irritant
	Classification Category 8.3 – Eye cor	rosive	
	Classification Category 9.1D Ecotoxic	to aquatic envi	ronment
	Risk statements R25 and R36	•	
	Or combination risk phrases as appro	priate	
	Safety statements S2		
	Or combination of safety phrases as appropriate		
	Swallow – Harmful if swallowed can o	ause irritation o	f the
	gastrointestinal tract.		
	Eye: Avoid contact. Corrosive in cond	entrate form.	
	Skin: Avoid contact. May cause skin i	rritation	
	Inhaled: Inhalation of vapours may ca	use irritation of	nose and
	throat.		
	Chronic Effects: Long term or repeated exposure may result in		
	skin irritation in some individuals		
Required identification	None		
Details			
0 11 0			
	: Composition/information on i	ngredients	
Classification and type	Classes 3.1, 6.1D, 6.4, 8.3 and 9.1		u
	Schedule 6 Minimum Degrees of Haz	ard – Interpreta	tion 2 J (ii)
Mixture	Ingredient	CAS No	% W/W
	Reducing agents:		
	- ammonium thioglycolate		
	(professional use)		<13 *
	(general use)		<9.5 *
	- cysteine HCl		<10

Ammonium salts (e.g. ammonium bicarbonate) Alkalies (e.g. ammonium hydroxide or amines) Diammonium dithiodiglycolate Additional ingredients (e.g. viscosity controlling agents, emulsifying agents) Anionic/non-ionic/amphoteric/cationic > Cr2 surfactants (e.g. cocamidopropy) betaine, dicetyldimonium chloride) Anionic / cationic polymers (e.g. acrylates copolymer, polyquaternium-11) Silicones (e.g. amodimethicone) Parfum Cosmetic colorants Opacifying agents (e.g. styrene/PVP copolymer) Chelating agents Aqua * ≤ 11 % (professional use) and ≤ 8 % (general use) calculated as thioglycolic acid pH value: 7 - 9.5 Other ingredients determined not to be hazardous to 100 Section 4: First Aid Measure Description of necessary first aide measures Swallowed: Section 4: First Aid Measure Description of necessary first aide measures Swallowed: If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or the National Poison Information Centre Phone 0800-764766 Eyes: If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or the National Poison Information Centre Phone 0800-764766 Eyes: If swallowed to not induce vomiting. Give a glass of water. Contact a doctor or the National Poison Information Centre Phone 0800-764766 Eyes: If swallowed do not induce vomiting. Give a glass of water contact a doctor or the National Poison Information Centre Phone 0800-764766 Eyes: If swallowed to not induce vomiting. Give a glass of water contact a doctor or the National Poison Information Centre Phone 0800-764766 Eyes: If swallowed to not induce vomiting. Give a glass of water contact a doctor or the National Poison Information Centre Phone 0800-764766 Eyes: If swallowed to not induce vomiting. Give a glass of water. Contact a doctor or the National Poison Information Centre Phone 0800-764766 Eyes: If swallowed to not induce vomiting. Give a glass of water. Contact a doctor or the National Poison Information Centre Phone 0800-764766 Eyes: If swallowed to not induce vomiting the Na					
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Diammonium dithiodiglycolate 46 Additional ingredients (e.g. viscosity controlling agents, emulsifying agents) 43 43 43 43 44 44 44 4		Alkalies (e.g. ammon	ium hydroxide or		<5
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Type of hazard Fire hazard properties Product is not flammable. May release toxic hydrogen sulphide fumes if heated to decomposition. Extinguishing media & In case of fire, water fog, fine water spray, dry chemical, CO ₂ or foam can be used to extinguish. Recommended Respirators and eye protection are required					
Fire hazard properties Product is not flammable. May release toxic hydrogen sulphide fumes if heated to decomposition. Extinguishing media & In case of fire, water fog, fine water spray, dry chemical, CO ₂ or foam can be used to extinguish. Recommended Respirators and eye protection are required	Section 5: Fire-Fighting measure				
fumes if heated to decomposition. Extinguishing media & In case of fire, water fog, fine water spray, dry chemical, CO ₂ or methods foam can be used to extinguish. Recommended Respirators and eye protection are required	Type of hazard	Not Flammable.			
Extinguishing media & In case of fire, water fog, fine water spray, dry chemical, CO ₂ or methods foam can be used to extinguish. Recommended Respirators and eye protection are required	Fire hazard properties		-	e toxic hydroger	n sulphide
methods foam can be used to extinguish. Recommended Respirators and eye protection are required					
Recommended Respirators and eye protection are required				cal, CO ₂ or	
	methods				
Protective Clothing	Recommended	Respirators and eye protection are required			
	Protective Clothing				
.					

Sec	tion 6: Accidental Release Measure	
Procedures to be	Dilute small spills with water. Contain and absorb larger spills in	
covered	inert materials (sand or other absorbent material)	
	Dispose of in accordance with local regulations	
	-	
	Section 7: Handling and Storage	
Subsection 1		
Handling Practices	Handle with care	
Subsection 2		
Store site requirements	Store product in cool dry place. Store away from oxidising materials	
Packaging	General Packaging Requirements HSNO P1 & P3	
Section	8: Exposure Control/Personal Protection	
Subsection 1: Workplac	e Exposure Guidelines (may also be in section 2)	
Workplace exposure	EXPOSURE LIMITS: NZOSH*	
standards	CHEMICAL NAME:	
	Ammonia 17mg/M³ (25ppm) Hydrogen peroxide 1.4mg/M³ (1ppm)	
Application in the	*New Zealand workplace Exposure Standards	
Application in the workplace	Use PPE when handling this product	
Exposure Standards	Not applicable	
outside the workplace	ing Controlo	
Subsection 2: Engineer Hierarchy of controls	Ventilation	
measures	PPE	
Exposure control	None	
measures	None	
No. Hazard indication	Signage recommended but not required	
	TOXIC	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal	Protective Equipment (PPE)	
Detail specifications for	Skin: Gloves (Vinyl, rubber or plastic) must be worn when	
equipment	handling this product. Disposable gloves must not be latex	
	Eyes: Safety glasses must be worn to avoid product contacting the eyes.	
Specific route of	Skin, Eyes and	
exposure	Inhalation	
	ACUTE EFFECTS:	

	1 =	I	
	Swallow:	Harmful if swallowed can cause	
		irritation of the gastrointestinal tract.	
	Eye:	Avoid contact. Corrosive in	
		concentrate form.	
	Skin:	Avoid contact. May cause skin	
		irritation	
	Inhaled:		
	i iiiiaieu.	Inhalation of vapours may cause	
		irritation of nose and throat.	
	CHRONIC EFFECTS:	Long term or repeated exposure may	
		result in skin irritation in some	
		individuals	
General Hygiene	Wash or rinse any expo	sure from skin.	
, ,	7		
Soction	n 9: Physical and Ch	nomical Proporties	
	APPEARANCE:	iennuai Fioperties	
Specific Data for the	· · · · - · · · · · · · · · · · · · · ·		
product not the	Liquid with characteristic	c odour	
individual components			
Required Specifications	BOILING POINT : Not d	etermined	
-	FLASH POINT: Not app	olicable	
	VAPOUR PRESSURE:		
	SPECIFIC GRAVITY: 1		
	FLAMMABILITY LIMITS: Not determined		
	pH: 8.0 -9.5		
	SOLUBILITY IN WATE	R: Completely soluble	
Further specifications	Not applicable		
Specific advice	Not applicable		
S	ection 10: Stability a	nd Reactivity	
Stability of the	Product is stable	-	
substance			
Conditions to Avoid	Not applicable		
Material to avoid	None		
		gan aulahida fumaa if baatad ta	
Hazardous	1 -	gen sulphide fumes if heated to	
decomposition Products	decomposition		
Specific Data	None known		
Section 11: Toxicological Information			
Data and interpretation		allowed can cause irritation of the	
,	gastrointestinal tract.		
		rosive in concentrate form.	
	Skin: Avoid contact. Ma		
		pours may cause irritation of nose and	
	throat.		
		erm or repeated exposure may result in	
	skin irritation in some in	dividuals	
Summaries data	Not available		
Format	Not available		
	•		

Se	ection 12: Ecotoxicity Information
Potential Environmental Interactions	Eco-toxic to marine life in large volume spills. Minimum risk in user packaged products and in normal retail delivery volumes while in final form.
Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk phrases	Not required
Se	ction 13: Disposal Considerations
Disposal information	Products likely to be used fully prior to disposal by end users Bulk or surplus products: Must be disposed of in accordance with local regulations.
Relevant information	
	ection 14: Transport Information
Relevant Information	Display UN Classes 6, 8 and 9 in documentation Comply with land transport maximum package quantities Packaging Group III Label outer packaging with UN Classes and product identification only Label risks toxic and eco-toxic may be displayed
Other requirements	Label fisks toxic and eco-toxic may be displayed
Sc	ection 15: Regulatory Information
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6, 8 and 9 of control regulations

Symbols:	Optional not required	
Risk phrases:	R25 – Toxic if swallowed	
Trion prinades.	R36 - Irritating to eyes	
	Or combination risk phrases as appropriate	
Safety phrases	S2 Keep out of reach of children	
	'	
Section 16: Other Information		
Additional Information	Do not mix with hydrogen peroxide (3%, 6%, 9% or 12% solutions or bleach powders	

Appendix 2.15 – Permanent Wave Lotion - 2 Material Safety Data Sheet for Product Use

Section '	1: Identification of the substanc	e/mixture	
Product Name:	Permanent Wave		
Recommended Use	Permanent waving of Hair		
Product description	Liquid with characteristic odour		
·	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantitie	es	
Company Details	Cosmetic Toiletry and Fragrance Asse	ociation Inc.	
Address	Private Bag 92-066, 159 Khyber Pass		d
Telephone Number	09-3670913		
Emergency Telephone	National Poison Information centre. P	hone 0800-7647	766
Number			
Date of Preparation	31 March 2015		
·			
	Section 2: Hazards Identification	n	
Hazard Classification	Classification Category 6.1D Acutely	Toxic, 6.4 – Eye	Irritant
	Classification Category 8.3 – Eye corr	rosive	
	Classification Category 9.1D Ecotoxic	to aquatic envi	ronment
	Risk statements R25 and R36		
	Or combination risk phrases as appropriate		
	Safety statements S2		
	Or combination of safety phrases as appropriate		
	Swallow – Harmful if swallowed can c	ause irritation o	f the
	gastrointestinal tract.		
	Eye: Avoid contact. Corrosive in conc		
	Skin: Avoid contact. May cause skin in		
	Inhaled: Inhalation of vapours may cause irritation of nose and throat. Chronic Effects: Long term or repeated exposure may result in		
	skin irritation in some individuals		
Required identification Details	None		
Details			
Section 3	3: Composition/information on ingredients		
Classification and type	Classes 3.1, 6.1D, 6.4, 8.3 and 9.1	-9 6	
S. S	Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	Reducing agents:		
	- ammonium thioglycolate		<9.5 *
	- cysteine HCl		<10
	- other thioacid ammonium salts		<3
	(e.g. ammonium thiolactate)		

	,	e.g. <i>ammonium</i>		<7
	bicarbonate) Alkalies (e.g. ammonium hydroxide or amines) <5		<5	
	· · · · · · · · · · · · · · · · · · ·		<3	
	$\geq C_{12}$ surfactants (e.g. <i>dicetyldimonium</i>			
	chloride, betaine derivatives)			
	Additional ingredients	s (e.g. viscosity		<3
	controlling agents)	eta (o. a. protoina)		<25
	Hair conditioning agents (e.g. proteins) <2.5 Anionic/cationic polymers (e.g. <2.5		<2.5	
	polyquaternium-11)	(0.9.		
	Silicones (e.g. amodin	nethicone)		<2.5
	Parfum			<1 <1
	Cosmetic colorants Opacifying agents (e a styrene/DV/D		<0.5
	copolymer)	e.g. styrene/FVF		10.5
	Chelating agents			<0.3
	Aqua			to 100
	*≤ 8 % calculated as <i>thioglycolic acid</i> pH value: 7 - 9.5			
	Other ingredients determined not to be hazardous to 100			
Section 4: First Aid Measure				
Description of passagent			not induce yem	iting Cive
Description of necessary first aide measures	y Swallowed: If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or the		_	
liist aide measures		National Poison		
		Phone 0800-764		11110
	Eyes:	If in eyes, hold e		d with
		water for at least		
		Doctor.		
	Skin:	Do not rub. Rins		emove
	labalad.	contaminated clo	•	
Workplace facilities	Inhaled: None required	Remove person	to fresh air	
Required instructions	None			
Notes for medical	Treat symptomatical	llv If in eves rech	eck after one w	/eek
personal	Trout dymptomation.	y 0,00,100		
	Section 5: Fire-Fig	ghting measure	e	
Type of hazard	Not Flammable.			
Fire hazard properties	Product is not flamm	•	e toxic hydroge	n sulphide
Estinaviahinas as elle 0	fumes if heated to de	•		-al 00 -:
Extinguishing media & methods	In case of fire, water fog, fine water spray, dry chemical, CO ₂ or foam can be used to extinguish.			
Recommended			nuired	
Protective Clothing	Respirators and eye protection are required			
steem e e louming				
Section 6: Accidental Release Measure				
Procedures to be	Dilute small spills wi			ger spills in

	I	
covered	inert materials (sand or other absorbent material)	
	Dispose of in accordance with local regulations	
	Section 7: Handling	and Storage
Subsection 1		
Handling Practices	Handle with care	
Subsection 2		
Store site requirements	Store product in cool dry place. Store away from oxidising materials	
Packaging	General Packaging Reg	uirements HSNO P1 & P3
	3 3	
Section 8	B: Exposure Control	Personal Protection
		(may also be in section 2)
Workplace exposure	EXPOSURE LIMITS:	NZOSH*
standards	CHEMICAL NAME:	NZOSII
Standards	Ammonia	17mg/M ³ (25ppm)
	Hydrogen peroxide	1.4mg/M³ (1ppm)
		• , , , ,
Application in the	*New Zealand workplace Ex	
Application in the	Use PPE when handling	j triis product
workplace		
Exposure Standards	Not applicable	
outside the workplace		
Subsection 2: Engineeri		
Hierarchy of controls	Ventilation	
measures	PPE	
Exposure control	None	
measures		
No. Hazard indication	Signage recommended	but not required
	TOXIC	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal		
Detail specifications for	Skin: Gloves (Vinyl, rub	ber or plastic) must be worn when
equipment	handling this product. D	isposable gloves must not be latex
	Eyes: Safety glasses m the eyes.	ust be worn to avoid product contacting
Specific route of	Skin, Eyes and	
exposure	Inhalation	
	ACUTE EFFECTS:	
	Swallow:	Harmful if swallowed can cause
	Circuioir.	irritation of the gastrointestinal tract.
<u> </u>	1	mination of the guotioniteothial tract.

	1 _	T
	Eye:	Avoid contact. Corrosive in
		concentrate form.
	Skin:	Avoid contact. May cause skin
		irritation
	Inhaled:	Inhalation of vapours may cause
		irritation of nose and throat.
	CHRONIC EFFECTS:	Long term or repeated exposure may
		result in skin irritation in some
		individuals
General Hygiene	Wash or rinse any expo	sure from skin.
Sectio	n 9: Physical and Ch	nemical Properties
Specific Data for the	APPEARANCE:	
product not the	Liquid with characteristi	c odour
individual components	Liquid With Sharastonet	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Required Specifications	BOILING POINT: Not d	etermined
. toganos opcomositoris	FLASH POINT: Not app	
	VAPOUR PRESSURE:	
	SPECIFIC GRAVITY: 1	
	FLAMMABILITY LIMIT	
	pH: 8.0 -9.5	5. Not determined
	•	P: Completely soluble
Further specifications	SOLUBILITY IN WATER: Completely soluble	
	Not applicable	
Specific advice	Not applicable	
S	⊔ ection 10: Stability a	nd Reactivity
Stability of the	Product is stable	The Redouvity
substance	Froduct is stable	
Conditions to Avoid	Not applicable	
Material to avoid	None	
Hazardous	May release toxic hydrogen sulphide fumes if heated to	
decomposition Products	decomposition	
Specific Data	None known	
Sec	tion 11: Toxicologi	cal Information
Data and interpretation		allowed can cause irritation of the
	gastrointestinal tract.	
	0	rosive in concentrate form.
	Skin: Avoid contact. Ma	
		pours may cause irritation of nose and
	throat.	product may daded inhadon of hood and
		erm or repeated exposure may result in
	skin irritation in some in	· · · · · · · · · · · · · · · · · · ·
Summaries data	Not available	arriadalo
Format	Not available	
Tomat	1 TOL A VAIIANIE	
Section 12: Ecotoxicity Information		
Occupit 12. Ecotoxicity illioritation		

Potential Environmental Interactions	Eco-toxic to marine life in large volume spills. Minimum risk in user packaged products and in normal retail delivery volumes while in final form.
Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk	Not required
phrases	'
Se	ction 13: Disposal Considerations
Disposal information	Products likely to be used fully prior to disposal by end users
	Bulk or surplus products:
	Must be disposed of in accordance with local regulations.
	Surplus bulk must be to a lined landfill or in accordance with
	normal commercial disposal procedures
Relevant information	
S	ection 14: Transport Information
Relevant Information	Display UN/HSNO Classes 6, 8 and 9 in documentation
Troid vaint information	Comply with land transport maximum package quantities
	Packaging Group III
	Label outer packaging with UN Classes and product
	identification only
	Label risks toxic and eco-toxic may be displayed
Other requirements	
S	ection 15: Regulatory Information
Regulatory Status	HSNO Regulations
Tragalatery status	The HSNO Approval Number for the Cosmetic Group
	Standard is HSR002552
	Classes 6, 8 and 9 of control regulations
	• Regulations 11-27, 7, 8, 10, 32-45, 50-51
	Identification Regulations
	• Regulations 6,7, 32-35,36(1)-(7)
	 Regulations 25, 29-31,37-39, 47-50, 51,52
	Packaging Regulations
	• Regulations 5,6,7(1),8, 9
	 Schedule 3 Disposal Regulations
	• Regulations 8, 9, 10, 11, 12, 13, 14
	Emergency Management
	• Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20,
	25-34, 35-41, 42
	Tracking:
	Not applicable Approved Handlers:
	Approved Handlers:
	Not applicable

Symbols:	Optional not required	
Risk phrases:	R25 – Toxic if swallowed	
	R36 - Irritating to eyes	
	Or combination risk phrases as appropriate	
Safety phrases	S2 Keep out of reach of children	
	Section 16: Other Information	
Additional Information	Do not mix with hydrogen peroxide (3%, 6%, 9% or 12% solutions or bleach powders	

Appendix 2.16 – Permanent Wave Lotion - 3 Material Safety Data Sheet for Product Use

Section '	1: Identification of the substanc	e/mixture	
Product Name:	Permanent Wave		
Recommended Use	Permanent waving of Hair		
Product description	Liquid with characteristic odour		
·	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantitie	es	
Company Details	Cosmetic Toiletry and Fragrance Ass	ociation Inc.	
Address	Private Bag 92-066, 159 Khyber Pass		t
Telephone Number	09-3670913		
Emergency Telephone	National Poison Information centre. P	hone 0800-7647	766
Number			
Date of Preparation	31 March 2015		
•			
,	Section 2: Hazards Identification	n	
Hazard Classification	Classification Category 6.1D Acutely	Toxic, 6.4 – Eye	Irritant
	Classification Category 8.3 – Eye corr	osive	
	Classification Category 9.1D Ecotoxic	to aquatic envi	ronment
	Risk statements R25 and R36	·	
	Or combination risk phrases as appropriate		
	Safety statements S2		
	Or combination of safety phrases as appropriate		
	Swallow – Harmful if swallowed can o	ause irritation of	f the
	gastrointestinal tract.		
	Eye: Avoid contact. Corrosive in conc	entrate form.	
	Skin: Avoid contact. May cause skin i		
	Inhaled: Inhalation of vapours may cause irritation of nose and throat.		
	Chronic Effects: Long term or repeated exposure may result in		
	skin irritation in some individuals		
Required identification	None		
Details			
Section 3	B: Composition/information on ingredients		
Classification and type	Classes 3.1, 6.1D, 6.4, 8.3 and 9.1	igicalcitis	
Classification and type	Schedule 6 Minimum Degrees of Haz	ard – Interpreta	tion 2 J (ii)
Mixture	Ingredient	CAS No	% W/W
	Reducing agents:		
	- ammonium thiolactate		<12
	- cysteine HCl		<5
	Ammonium salts (e.g. ammonium		<7
	bicarbonate)		

	Alkalies (e.g. ammon amines)	ium hydroxide or	<5
	Anionic / non-ionic / amphoteric /		<3
	cationic $\geq C_{12}$ surfactants (e.g.		
	dicetyldimonium ch	nloride, betaine	
	derivatives)		
	Additional ingredients (e.g. viscosity		<3
	controlling agents)		.0.5
	Anionic / cationic		<2.5
	quaternary ammonit		<2.5
	Silicones (e.g. amodin	netricone)	<1
	Cosmetic colorants		<1
	Opacifying agents		<0.5
	Chelating agents		<0.3
	Aqua		to 100
	pH value: 7 - 9.5	<u>,</u>	-
	Other ingredients dete	ermined not to be hazardous	to 100
			•
	Section 4: First	Aid Measure	
Description of necessary	Swallowed:	If swallowed do not induce von	niting. Give
first aide measures		a glass of water. Contact a doc	tor or the
		National Poison Information Ce	entre
		Phone 0800-764766	
	Eyes:	If in eyes, hold eyes open, floo	d with
		water for at least 15 minutes ar	nd see a
		Doctor.	
	Skin:	Do not rub. Rinse with water. F	Remove
		contaminated clothing.	
	Inhaled:	Remove person to fresh air	
Workplace facilities	None required		
Required instructions	None		
Notes for medical	Treat symptomatically. If in eyes, recheck after one week.		
personal			
	Section 5: Fire-Fig	ghting measure	
Type of hazard	Not Flammable.		
Fire hazard properties		nable. May release toxic hydroge	en sulphide
	fumes if heated to de	•	
Extinguishing media &		fog, fine water spray, dry chemi	ical, CO ₂ or
methods	foam can be used to	·	
Recommended	Respirators and eye	protection are required	
Protective Clothing			
_			
		I Release Measure	
Procedures to be		th water. Contain and absorb lar	ger spills in
covered	inert materials (sand or other absorbent material)		
	Dispose of in accordance with local regulations		

Section 7: Handling and Storage			
Subsection 1	occuon 7. Handing	and Otorage	
Handling Practices	Handle with care		
Subsection 2	Tianalo With out		
Store site requirements	Store product in cool dr	y place. Store away from oxidising	
and the quantum of the contract of the contrac	materials	, praese stere arrey mean erraneing	
Packaging	General Packaging Rec	uirements HSNO P1 & P3	
Section	8: Exposure Control	Personal Protection	
		(may also be in section 2)	
Workplace exposure	EXPOSURE LIMITS:	NZOSH*	
standards	CHEMICAL NAME:		
	Ammonia	17mg/M ³ (25ppm)	
	*****	Of the standards	
Application in the	*New Zealand workplace Ex Use PPE when handling		
workplace	OSE FFE WHEIT HANDING	g this product	
Exposure Standards	Not applicable		
outside the workplace	Trot applicable		
Subsection 2: Engineer	ing Controls		
Hierarchy of controls	Ventilation		
measures	PPE		
Exposure control	None		
measures			
No. Hazard indication	Signage recommended	but not required	
	TOXIC		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Use in well ventilated areas		
Ventilation specification	Protective Equipment (PPE)		
equipment	Skin: Gloves (Vinyl, rubber or plastic) must be worn when handling this product. Disposable gloves must not be latex		
equipinioni		ust be worn to avoid product contacting	
	the eyes.	act 55 World to avoid product contacting	
Specific route of	Skin, Eyes and		
exposure	Inhalation		
'			
	ACUTE EFFECTS:		
	Swallow:	Harmful if swallowed can cause	
		irritation of the gastrointestinal tract.	
	Eye:	Avoid contact. Corrosive in	
	Cking	concentrate form.	
	Skin:	Avoid contact. May cause skin	

	1	I	
	Inhaled: CHRONIC EFFECTS:	irritation Inhalation of vapours may cause irritation of nose and throat. Long term or repeated exposure may	
	CHRONIC EFFECTS.	result in skin irritation in some individuals	
General Hygiene	Wash or rinse any expo	sure from skin.	
Sectio	n 9: Physical and Ch	nemical Properties	
Specific Data for the	APPEARANCE:		
product not the individual components	Liquid with characteristic odour		
Required Specifications	BOILING POINT : Not d		
	FLASH POINT: Not app		
	VAPOUR PRESSURE:		
	SPECIFIC GRAVITY: 1		
	FLAMMABILITY LIMITED PH: 7 - 9.5	5: Not determined	
	SOLUBILITY IN WATE	R: Completely soluble	
Further specifications	Not applicable	THE COMPLETE COLUMN	
Specific advice	Not applicable		
•			
Section 10: Stability and Reactivity			
Stability of the substance	Product is stable	•	
Conditions to Avoid	Not applicable		
Material to avoid	None		
Hazardous	May release toxic hydrogen sulphide fumes if heated to		
decomposition Products	decomposition		
Specific Data	None known		
	ction 11: Toxicologic		
Data and interpretation	gastrointestinal tract.	allowed can cause irritation of the	
		rosive in concentrate form.	
	Skin: Avoid contact. Ma	•	
	throat.	pours may cause irritation of nose and	
	Chronic Effects: Long to skin irritation in some in	erm or repeated exposure may result in dividuals	
Summaries data	Not available		
Format	Not available		
Sc	ection 12: Ecotoxicit	y Information	
Potential Environmental	Eco-toxic to marine life	in large volume spills. Minimum risk in	
Interactions	user packaged products while in final form.	and in normal retail delivery volumes	

Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk	Not required
phrases	
	11 10 Di 11 11
	ection 13: Disposal Considerations
Disposal information	Products likely to be used fully prior to disposal by end users
	Bulk or surplus products:
	Must be disposed of in accordance with local regulations to a
	lined landfill or in accordance with normal commercial disposal procedures
Relevant information	procedures
TCICVAIL IIIOIIIIALIOII	
	Section 14: Transport Information
Relevant Information	Display UN Classes 6, 8 and 9 in documentation
	Comply with land transport maximum package quantities
	Packaging Group III
	Label outer packaging with UN Classes and product
	identification only
	Label risks toxic and eco-toxic may be displayed
Other requirements	
	Section 15: Regulatory Information
Regulatory Status	HSNO Regulations
	The HSNO Approval Number for the Cosmetic Group
	Standard is HSR002552
	Classes 6, 8 and 9 of control regulations
	• Regulations 11-27, 7, 8, 10, 32-45, 50-51
	Identification Regulations
	• Regulations 6,7, 32-35,36(1)-(7)
	• Regulations 25, 29-31,37-39, 47-50, 51,52
	Packaging Regulations
	Regulations 5,6,7(1),8, 9Schedule 3
	Disposal Regulations
	• Regulations 8, 9, 10, 11, 12, 13, 14
	Emergency Management
	• Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20,
	25-34, 35-41, 42
	Tracking:
	Not applicable
	Approved Handlers:
	 Not applicable

Symbols:	Optional not required
Risk phrases:	R25 – Toxic if swallowed R36 - Irritating to eyes
	Or combination risk phrases as appropriate
Safety phrases	S2 Keep out of reach of children
	Section 16: Other Information
Additional Information	Do not mix with hydrogen peroxide (3%, 6%, 9% or 12% solutions or bleach powders

Appendix 2.17 – Permanent Wave Lotion -IV Material Safety Data Sheet for Product Use

Section	1: Identification of the substance	e/mixture	
Product Name:	Permanent Wave – Ester Free		
Recommended Use	Permanent waving of Hair		
Product description	Liquid with characteristic odour		
·	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantitie	es	
Company Details	Cosmetic Toiletry and Fragrance Ass		
Address	Private Bag 92-066, 159 Khyber Pass		d
Telephone Number	09-3670913		
Emergency Telephone Number	National Poison Information centre. P	hone 0800-764	766
Date of Preparation	31 March 2015		
'			
	Section 2: Hazards Identificatio	n	
Hazard Classification	Classification Category 6.1D Acutely	Toxic, 6.4 – Eye	e Irritant,
	6.5 - Sensidisor	•	
	Classification Category 8.3 – Eye cor	rosive	
	Classification Category 9.1D Ecotoxic	to aquatic env	ironment
	Risk statements R25 and R36		
	Or combination risk phrases as appropriate		
	Safety statements S2		
	Or combination of safety phrases as appropriate		
	Swallow – Harmful if swallowed can cause irritation of the		
	gastrointestinal tract.		
	Eye: Corrosive in concentrate form. Avoid contact		
	Skin: Avoid contact. May cause skin irritation		
	Inhaled: Inhalation of vapours may cause irritation of nose and		
	throat.		
	Chronic Effects: Long term or repeated exposure may result in		
	skin irritation in some individuals		
Required identification	None		
Details			
Section 3: Composition/information on ingredients			
Classification and type	Classes 6.1D, 6.4, 8.3 and 9.1		
	Schedule 6 Minimum Degrees of Haza	ırd – Interpretat	ion 2 J (ii)
Mixture	Ingredient	CAS No	% W/W
	PART 1		
	Hydrogen peroxide		<12
	Non-ionic surfactants		<5
	Hair conditioning agents (e.g. proteins)		<1

	Otalellia in manata		-0.5
	Stabilising agents		<0.5
	Aqua		< to 100
	pH value: 2.5 - 3.5		
	PART 2		
	Ammonium thioglycolat	-	
	Alkalies (e.g. ammoni		<20 *
	amines)	uni nyaroxide oi	<5
	Ammonium salts (a ammonium	_
	bicarbonate)	s.g. ammomam	<5
	Anionic / non-ionic	/ amphoteric /	-20
	cationic $\geq C_{12}$ surfacta	•	<3
	derivatives, dicetyldimo		
	Parfum	,	<1
	Cosmetic colorants		<1
	Opacifying agents		<0.5
	Aqua		< to 100
	,		10 100
	* before exothermic	reaction with	
	hydrogen peroxide		
	pH value: 7 - 9.5		
	Parts 1 and 2 are com	· ·	
	mixing of 1 and 2 is exc		
	pH value of combin	ied ready-to-use	
	mixture: 7 - 9.5		
	* after mixing :	iven this alvestate	
		ium thioglycolate	
	(professional us	thioglycolic acid	
	**	n thioglycolate	
	calculated as thioglyco		
	use)	one dord (general	
	400)		
	Other ingredients deta	ermined not to be hazardous	to 100
	Oniei ingredients det	Cimined Hot to be Hazardous	10100
	Section 4: First	Aid Magaura	
Description of the second	,	T	
Description of necessary	Swallowed:	If swallowed do not induce	•
first aide measures		a glass of water. Contact a	
		National Poison Information	i Centre
	F	Phone 0800-764766	6 1 1 341
	Eyes:	If in eyes, hold eyes open,	
		water for at least 15 minute	s and see a
		Doctor if pain persists	_
	Skin:	Do not rub. Rinse with water	er. Remove
	l	contaminated clothing.	
	Inhaled:	Remove person to fresh air	-
Workplace facilities	None required		
Required instructions	None		
Notes for medical	Treat symptomatical	ly. If in eyes, recheck after o	ne week.
personal			
-	•		

	T	
	Ocation & Fire Fielding accessors	
	Section 5: Fire-Fighting measure	
Type of hazard	Not Flammable.	
Fire hazard properties	Product is not flammable. May release toxic hydrogen sulphide	
	fumes if heated to decomposition.	
Extinguishing media &	In case of fire, water fog, fine water spray, dry chemical, CO ₂ or	
methods	foam can be used to extinguish.	
Recommended	Respirators and eye protection are required	
Protective Clothing		
	tion 6: Accidental Release Measure	
Procedures to be	Dilute small spills with water. Contain and absorb larger spills in	
covered	inert materials (sand or vermiculate)	
	Dispose of in accordance with local regulations	
	Section 7: Handling and Storage	
Subsection 1		
Handling Practices	Handle with care	
Subsection 2		
Store site requirements	Store product in cool dry place away from foodstuffs and	
	oxidising agents	
Packaging	General Packaging Requirements HSNO P1 & P3	
Section	8: Exposure Control/Personal Protection	
Subsection 1: Workplace	e Exposure Guidelines (may also be in section 2)	
Workplace exposure	EXPOSURE LIMITS: NZOSH*	
standards	CHEMICAL NAME:	
	Ammonia 17mg/M ³ (25ppm)	
	Hydrogen peroxide 1.4mg/M ³ (1ppm)	
	*New Zealand workplace Exposure Standards	
Application in the	Use PPE when handling this product	
workplace		
Exposure Standards	Not applicable	
outside the workplace		
Subsection 2: Engineer		
Hierarchy of controls	Ventilation	
measures	PPE	
Exposure control	None	
measures		
No. Hazard indication	Signage recommended	
	тохіс	
Ventilation specification	Use in well ventilated areas	
	Protective Equipment (PPE)	
Detail specifications for	Skin: Gloves (Vinyl, rubber or plastic) must be worn when	
= 3.5 5 25 24.00 101		

equipment	handling this product. Disposable gloves must not be latex Eyes: Safety glasses must be worn during mixing and application to avoid product contacting the eyes.	
Specific route of exposure	Skin, Eyes and Inhalation	Irritant. Avoid contact with eyes and skin. May cause sensitisation
	ACUTE EFFECTS:	
	Swallow:	Harmful if swallowed can cause
	Eye:	irritation of the gastrointestinal tract. Corrosive in concentrate form. Avoid Contact
	Skin:	Skin: Avoid contact. May cause skin irritation
	Inhaled:	Inhaled: Inhalation of vapours may
	OUDONIO EFFECTO	cause irritation of nose and throat.
	CHRONIC EFFECTS:	Chronic Effects: Long term or repeated exposure may result in skin
		irritation in some individuals
General Hygiene	Wash or rinse any exposure from skin.	
Contin	n O. Dhyaical and Ch	amical Duamentica
Specific Data for the	n 9: Physical and Ch │APPEARANCE:	lemical Properties
product not the	Liquid with characteristic odour	
individual components	Ligate mai onaractorica oddai	
Required Specifications	BOILING POINT: Not determined	
	FLASH POINT: Not app VAPOUR PRESSURE:	
	SPECIFIC GRAVITY: 1	.0 – 1.05 g/ml
	FLAMMABILITY LIMIT	
	pH: 7.0 -8.0 (when mixe	•
Curther execifications	SOLUBILITY IN WATE	R: Completely soluble
Further specifications Specific advice	Not applicable Not applicable	
openiio auvice	i vot applicable	
Section 10: Stability and Reactivity		
Stability of the	Product is stable	Í
substance		
Conditions to Avoid	Not applicable	
Material to avoid Hazardous	None	and autobide fume a if he at all to
- mazamone	May release toxic hydrogen sulphide fumes if heated to	
decomposition Products	decomposition	gen sulprilide fames il ficated to

Sec	ction 11: Toxicological Information
Data and interpretation	Swallow – Harmful if swallowed can cause irritation of the gastrointestinal tract. Eye: Corrosive in concentrate form. Avoid Contact Skin: Avoid contact. May cause skin irritation Inhaled: Inhalation of vapours may cause irritation of nose and throat. Chronic Effects: Long term or repeated exposure may result in
Summaries data	skin irritation in some individuals Not available
Format	Not available Not available
S	ection 12: Ecotoxicity Information
Potential Environmental Interactions	Eco-toxic to marine life in large volume spills. Minimum risk in user packaged products and in normal retail delivery volumes while in final form.
Data Organisation Environmental risk phrases	All classes of aquatic organisations Classes 9.1D Not required
	ection 13: Disposal Considerations
Disposal information	Products likely to be used fully prior to disposal by end users Bulk or surplus products: Must be disposed of in accordance with local regulations to a lined landfill or in accordance with normal commercial disposal procedures
Relevant information	
Relevant Information	Display UN Classes 6, 8 and 9 in documentation Comply with land transport maximum package quantities Packaging Group III Label outer packaging with UN Classes and product identification only Label risks toxic and eco-toxic may be displayed
Other requirements	
	ection 15: Regulatory Information
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6, 8 and 9 of control regulations Regulations 11-27, 7, 8, 10, 32-45, 50-51 Identification Regulations Regulations 6,7, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 47-50, 51,52

	Packaging Regulations	
	• Regulations 5,6,7(1),8, 9	
	• Schedule 3	
	Disposal Regulations	
	• Regulations 8, 9, 10, 11, 12, 13, 14	
	Emergency Management	
	• Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20,	
	25-34, 35-41, 42	
	Tracking:	
	Not applicable	
	Approved Handlers:	
	Not applicable	
Symbols:	Optional not required	
Risk phrases:	R25 – Toxic if swallowed	
	R36 - Irritating to eyes	
	Or combination risk phrases as appropriate	
Safety phrases	S2 Keep out of reach of children	
	Section 16: Other Information	
Additional Information	No additional information	

Appendix 2.18 – PERMANENT WAVE LOTION - V Material Safety Data Sheet for Product Use

Section '	1: Identification of the substanc	e/mixture		
Product Name:	Acid Perm with ester			
Recommended Use	Permanent waving of Hair			
Product description	Liquid with characteristic odour			
ļ.	Cosmetic Preparation			
	Concentration in use 100%			
	Packaged in small consumer quantities	es		
Company Details		Cosmetic Toiletry and Fragrance Association Inc.		
Address	Private Bag 92-066, 159 Khyber Pass		d	
Telephone Number	09-3670913			
Emergency Telephone Number	National Poison Information centre. P	hone 0800-764	766	
Date of Preparation	31 March 2015			
,				
	Section 2: Hazards Identification	n		
Hazard Classification	Classification Category 6.1D Acutely	Toxic, 6.4 – Eye	e Irritant,	
	6.5 - Sensidisor	•		
	Classification Category 8.3 – Eye con	osive		
	Classification Category 9.1D Ecotoxic		ronment	
	Risk statements R25 and R36	•		
	Or combination risk phrases as appropriate			
	Safety statements S2			
	Or combination of safety phrases as appropriate			
	Swallow – Harmful if swallowed can cause irritation of the			
	gastrointestinal tract. Eye: Corrosive in concentrate form. Contact may cause serious			
	eye damage			
	Skin: Avoid contact. May cause skin irritation and sensitisation Inhaled: Inhalation of vapours may cause irritation of nose and throat.			
	Chronic Effects: Long term or repeated exposure may result in dermatitis.			
Required identification Details	None			
	Section 3: Composition/information on ingredients			
Classification and type	Classes 6.1D, 6.4, 8.3 and 9.1			
	Schedule 6 Minimum Degrees of Haz	ard – Interpreta	tion 2 J (ii)	
Mixture	Ingredient	CAS No	% W/W	
	PART 1			
	Thioglycolate ester (e.g. <i>glyceryl thioglycolate</i>)		<99	

	Glycerin			<50
	PART 2 Reducing agents: - ammonium the - cysteine HCI	nioglycolate		<5 <10
	Anionic / non-ionic / amphoteric surfactants (e.g. betaine derivatives)			<10
	Cationic surfactants	s $\geq C_{12}$ (e.g.		<5
	Alkalies (e.g. ammon amines)			<5
	Diammonium dithiodig Silicones (e.g. amodin Hair conditioning ager polymers)	nethicone)		<4 <3 <2
	Opacifying agents Parfum			<1 <1
	Aqua			< to 100
	pH value of Part 2: 8 - pH value of Pa ready-for-use:	rts 1 and 2 mixed		
	Other ingredients de	termined not to b	e hazardous	to 100
Section 4: First Aid Measure				
Description of necessary first aide measures	a glass of water. Contact a doctor or the National Poison Information Centre Phone 0800-764766			
	Eyes: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor.			
	Skin:	Do not rub. Rins contaminated cl		emove
	Inhaled:	Remove person	•	
Workplace facilities	None required			
Required instructions	None			
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.			
Section 5: Fire-Fighting measure				
Type of hazard				
Fire hazard properties	Product is not flamm		e toxic hydrogei	n sulphide
Extinguishing media &	fumes if heated to decomposition. In case of fire, water fog, fine water spray, dry chemical, CO ₂ or			
methods Recommended Protective Clothing	foam can be used to extinguish. Respirators and eye protection are required			
1 Totodave Clothing	l .			

Sec	ction 6: Accidental Re	elease Measure
Procedures to be covered		vater. Contain and absorb larger spills in vermiculate)
	Section 7: Handling	and Storage
Subsection 1		
Handling Practices	Handle with care	
Subsection 2		
Store site requirements	Store product in cool dry place away from foodstuffs and oxidising agents	
Packaging	General Packaging Red	uirements HSNO P1 & P3
	8: Exposure Control	Personal Protection (may also be in section 2)
Workplace exposure	EXPOSURE LIMITS:	NZOSH*
standards	CHEMICAL NAME:	1420011
ctarradiao	Ammonia	17mg/M ³ (25ppm)
	Hydrogen peroxide	1.4mg/M ³ (1ppm)
	*New Zealand workplace Ex	- · · · ·
Application in the workplace	Use PPE when handling this product	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineer		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	None	
No. Hazard indication	Signage recommended	
	TOXIC	
Ventilation specification	Use in well ventilated areas	
	Protective Equipment (I	
Detail specifications for equipment	Skin: Gloves (Vinyl, rubber or plastic) must be worn when handling this product. Disposable gloves must not be latex Eyes: Safety glasses must be worn to avoid mixing and application to avoid product contacting the eyes.	
Specific route of exposure	Skin, Eyes and Inhalation	Irritant. Avoid contact with eyes and
	1	

		skin. May cause sensitisation	
		The state of the s	
	ACUTE EFFECTS:		
	Swallow:	Harmful if swallowed can cause	
		irritation of the gastrointestinal tract.	
	Eye:	Corrosive in concentrate form. Contact	
		may cause serious eye damage	
	Skin:	Skin: Avoid contact. May cause skin	
		irritation and sensitisation	
	Inhaled:	Inhaled: Inhalation of vapours may	
	CHRONIC EFFECTS:	cause irritation of nose and throat.	
	CHRONIC EFFECTS.	Chronic Effects: Long term or repeated exposure may result in	
		dermatitis.	
General Hygiene	Wash or rinse any expo		
2 22.2 1 1 1 3 10 110	1 - Addit of thice dily expe		
Saction	n 9: Physical and Ch	nemical Properties	
Specific Data for the	APPEARANCE:	ionnoar rioperties	
product not the	Liquid with characteristic	c odour	
individual components	Liquid Milit offactorion	0 00001	
Required Specifications	BOILING POINT: Not d	etermined	
	FLASH POINT: Not app		
	VAPOUR PRESSURE:		
	SPECIFIC GRAVITY: 1	.0 – 1.06 g/ml	
	FLAMMABILITY LIMIT	S: Not flammable	
	pH: 8.0 -9.5		
	SOLUBILITY IN WATE	R: Completely soluble	
Further specifications	Not applicable		
Specific advice	Not applicable		
	40.04.1.1114		
	ection 10: Stability a	nd Reactivity	
Stability of the	Product is stable		
substance			
Conditions to Avoid	Not applicable		
Material to avoid	None	and a shabida farana if baatadta	
Hazardous	May release toxic hydrogen sulphide fumes if heated to		
decomposition Products Specific Data	decomposition None known		
Specific Data	INOTIC KHOWII		
Sec	Section 11: Toxicological Information		
Data and interpretation	Swallow – Harmful if sw gastrointestinal tract.	allowed can cause irritation of the	
	Eye: Corrosive in conce	ntrate form. Contact may cause serious	
	eye damage	·	
		y cause skin irritation and sensitisation	
		pours may cause irritation of nose and	
	throat.		

	Chronic Effects: Long term or repeated exposure may result in dermatitis.
Summaries data	Not available
Format	Not available
	ection 12: Ecotoxicity Information
Potential Environmental Interactions	Eco-toxic to marine life in large volume spills. Minimum risk in user packaged products and in normal retail delivery volumes while in final form.
Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk phrases	Not required
0-	otion 40. Diamond Considerations
	ection 13: Disposal Considerations
Disposal information	Products likely to be used fully prior to disposal by end users Bulk or surplus products: Must be disposed of in accordance with local regulations to a lined landfill or in accordance with normal commercial procedures
Relevant information	pressure to the control of the contr
Relevant Information	Section 14: Transport Information Display UN Classes 6, 8 and 9 in documentation
Treievant information	Comply with land transport maximum package quantities Packaging Group III Label outer packaging with UN Classes and product identification only Label risks toxic and eco-toxic may be displayed
Other requirements	and the control of th
·	
S	ection 15: Regulatory Information
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6, 8 and 9 of control regulations • Regulations 11-27, 7, 8, 10, 32-45, 50-51 Identification Regulations • Regulations 6,7, 32-35,36(1)-(7) • Regulations 25, 29-31,37-39, 47-50, 51,52 Packaging Regulations • Regulations 5,6,7(1),8, 9 • Schedule 3 Disposal Regulations • Regulations 8, 9, 10, 11, 12, 13, 14 Emergency Management
	• Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42

	Tracking: • Not applicable Approved Handlers: • Not applicable
Symbols:	Optional not required
Risk phrases:	R25 – Toxic if swallowed
Nisk piliases.	R36 - Irritating to eyes
	Or combination risk phrases as appropriate
Safety phrases	S2 Keep out of reach of children
Calcity piliases	OZ NGCP Out of federi of difficient
	Section 16: Other Information
Additional Information	Corrosive in concentrated form. Closely follow usage instructions when handling and mixing activator and lotion

Appendix 2.19 - PERMANENT WAVE NEUTRALISER - Liquid/Cream

Material Safety Data Sheet for Product Use

Section	1: Identification of the substanc	e/mixture	
Product Name:	Perm Neutraliser		
Recommended Use	Permanent waving of Hair		
Product description	Liquid with characteristic odour		
•	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantitie	es	
Company Details	Cosmetic Toiletry and Fragrance Ass	ociation Inc.	
Address	Private Bag 92-066, 159 Khyber Pass	Road Aucklan	d
Telephone Number	09-3670913		
Emergency Telephone Number	National Poison Information centre. P	hone 0800-764	766
Date of Preparation	31 March 2015		
•			
	Section 2: Hazards Identificatio	n	
Hazard Classification	Classification Category 6.1D Acutely		e Irritant
	Classification Category 8.3 – Eye corr	rosive	
	Classification Category 9.1D Ecotoxic	to aquatic envi	ronment
	Risk statements R25 and R36		
	Or combination risk phrases as appropriate		
	Safety statements S2		
	Or combination of safety phrases as appropriate		
	Swallow – Harmful if swallowed can cause irritation of the gastrointestinal tract.		
	Eye: Avoid contact. Corrosive in concentrate form. Skin: Avoid contact. May cause skin irritation Inhaled: Inhalation of vapours may cause irritation of nose and throat. Chronic Effects: Long term or repeated exposure may result in		
	skin irritation in some individuals		
Required identification	None		
Details	None		
Bottano			
Section 3	: Composition/information on in	ngredients	
Classification and type			
,.	Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	Emulsifying agents, surfactants,		8
	wetting agents (e.g. cetearyl alcohol)		
	Hydrogen peroxide		2 – 6
	Viscosity controlling agents (e.g.		2

	·			
	carbomer) Hair conditioning agents (e.g. silicone) Parfum Cosmetic colorants Hydrogen peroxide stabilising agents (e.g. phenacetin, sodium stannate, oxyquinoline sulfate)		2 1 1 0.5	
	Opacifying agents (ecopolymer)	e.g. styrene/PVP	0.5	
	copolymer) Preservatives, antimicrobials Chelating agents pH adjuster (e.g. citric acid) qs pH Aqua		0.2 0.2 2.5 - 3.5 to 100	
	Other ingredients de	torresimo di motto ha hamarda va	to 100	
	Other ingredients de	termined not to be hazardous	to 100	
	Section 4: First	Aid Mossuro		
D : :: (0:	
Description of necessary first aide measures	y Swallowed: If swallowed do not induce vomiting. Gi a glass of water. Contact a doctor or the National Poison Information Centre Phone 0800-764766		or or the	
	Eyes:	If in eyes, hold eyes open, flood water for at least 15 minutes an Doctor.	d see a	
	Skin:	Do not rub. Rinse with water. R contaminated clothing.	emove	
	Inhaled:	Remove person to fresh air		
Workplace facilities	None required	•		
Required instructions	None			
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.			
		1.4!		
	Section 5: Fire-Fig	Inting measure		
Type of hazard	Not Flammable.	ala Marralage teritalisi		
Fire hazard properties		lable. May release toxic hydroger	n suipniae	
Extinguishing modic 0	fumes if heated to decomposition.			
Extinguishing media & methods	In case of fire, water fog, fine water spray, dry chemical, CO ₂ or foam can be used to extinguish.			
Recommended		·		
Protective Clothing	Respirators and eye protection are required			
Section 6: Accidental Release Measure				
Procedures to be	1	th water. Contain and absorb larg	er spills in	
covered	inert materials (sand or other absorbent material)			
	Dispose of in accordance with local regulations			
Section 7: Handling and Storage				
Subsection 1				
<u> </u>				

Handling Practices	Handle with care	
Subsection 2		
Store site requirements	Store product in cool dry materials	y place. Store away from oxidising
Packaging	General Packaging Req	uirements HSNO P1 & P3
Section	8: Exposure Control/	Personal Protection
		(may also be in section 2)
Workplace exposure	EXPOSURE LIMITS:	NZOSH*
standards	CHEMICAL NAME:	47 (143 (05
	Ammonia	17mg/M ³ (25ppm) 1.4mg/M ³ (1ppm)
	Hydrogen peroxide *New Zealand workplace Ex	
Application in the	Use PPE when handling	
workplace	OSCITE WHEIT Hariding	j tilis product
Exposure Standards	Not applicable	
outside the workplace		
Subsection 2: Engineer	ing Controls	
Hierarchy of controls	Ventilation	
measures	PPE	
Exposure control	None	
measures No. Hazard indication	Cianago rocommondod	
No. Hazard indication	Signage recommended	
	TOXIC	
Ventilation specification	Use in well ventilated ar	eas
Subsection 3: Personal	Protective Equipment (I	PPE)
Detail specifications for equipment	Skin: Gloves (Vinyl, rub handling this product. D	ber or plastic) must be worn when isposable gloves must not be latex ust be worn to avoid product contacting
Specific route of	Skin, Eyes and	
exposure	Inhalation	
	ACUTE EFFECTS:	
	Swallow:	Harmful if swallowed can cause
		irritation of the gastrointestinal tract.
	Eye:	Avoid contact. Corrosive in
		concentrate form.
	Skin:	Avoid contact. May cause skin
		irritation
	Inhaled:	Inhalation of vapours may cause

		irritation of nose and throat.
	CHRONIC EFFECTS:	Long term or repeated exposure may
		result in skin irritation in some
		individuals
General Hygiene	Wash or rinse any expo	sure from skin.
l control of the control	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Soction	n 9: Physical and Ch	nomical Proportios
	APPEARANCE:	iennicai Properties
Specific Data for the		
product not the	Liquid with characteristic	c odour
individual components		
Required Specifications	BOILING POINT: Not d	
	FLASH POINT: Not app	
	VAPOUR PRESSURE:	
	SPECIFIC GRAVITY: 1	
	FLAMMABILITY LIMITS	S: Not determined
	pH: 8.0 -9.5	
	SOLUBILITY IN WATE	R: Completely soluble
Further specifications	Not applicable	
Specific advice	Not applicable	
·		
S	ection 10: Stability a	nd Reactivity
Stability of the	Product is stable	
substance	1 Toddet 13 Stable	
Conditions to Avoid	Not applicable	
Material to avoid	None	
		non actividado ficinado de la catacidad
Hazardous	May release toxic hydrogen sulphide fumes if heated to	
decomposition Products	decomposition	
Specific Data	None known	
Sec	ction 11: Toxicologic	
Data and interpretation	Swallow – Harmful if sw	allowed can cause irritation of the
	gastrointestinal tract.	
	Eye: Avoid contact. Cor	rosive in concentrate form.
	Skin: Avoid contact. Ma	y cause skin irritation
	Inhaled: Inhalation of va	pours may cause irritation of nose and
	throat.	
	Chronic Effects: Long te	erm or repeated exposure may result in
	skin irritation in some in	
Summaries data	Not available	
Format	Not available	
Section 12: Ecotoxicity Information		
Potential Environmental		in large volume spills. Minimum risk in
Interactions	user packaged products and in normal retail delivery volumes	
Interactions	while in final form.	and in normal retail delivery volumes
Data Organisation		ganications Classes 0.4D
Data Organisation		ganisations Classes 9.1D
Environmental risk	Not required	

phrases		
9	action 13: Disposal Considerations	
Disposal information	Products likely to be used fully prior to disposal by end users Bulk or surplus products: Must be disposed of in accordance with local regulations to a lined landfill or in accordance with normal commercial disposal procedures	
Relevant information		
	Section 14: Transport Information	
Relevant Information	Display UN Classes 6, 8 and 9 in documentation Comply with land transport maximum package quantities Packaging Group III Label outer packaging with UN Classes and product identification only Label risks toxic and eco-toxic may be displayed	
Other requirements		
	Destina 45. Description la fermantica	
	Section 15: Regulatory Information	
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6, 8 and 9 of control regulations	
Symbols:	Optional not required	

Risk phrases:	R25 – Toxic if swallowed
	R36 - Irritating to eyes
	Or combination risk phrases as appropriate
Safety phrases	S2 Keep out of reach of children
	Section 16: Other Information
Additional Information	Do not mix with hydrogen peroxide (3%, 6%, 9% or 12%
	solutions or bleach powders

Appendix 2.20 – Hair Straightener (Relaxer) – 1 Cream type based on lye Ingredients Material Safety Data Sheet for Product Use

Section	1: Identification of the substance/mixture	
Product Name:	Hair Straightener	
Recommended Use	Hair Straightening	
Product description	Liquid/cream with characteristic odour	
'	Cosmetic Preparation	
	Concentration in use 100%	
	Packaged in small consumer quantities	
Company Details	Cosmetic Toiletry and Fragrance Association Inc.	
Address	Private Bag 92-066, 159 Khyber Pass Road Auckland	
Telephone Number	09-3670913	
Emergency Telephone Number	National Poison Information centre. Phone 0800-764766	
Date of Preparation	31 March 2015	
•		
	Section 2: Hazards Identification	
Hazard Classification	Classification Category 6.1D Acutely Toxic, 6.4 – Eye Irritant	
	Classification Category 8.3 – Eye corrosive	
	Classification Category 9.1D Ecotoxic to aquatic environment	
	Risk statements R25 and R36	
	Or combination risk phrases as appropriate	
	Safety statements S2	
	Or combination of safety phrases as appropriate	
	Swallow – Harmful if swallowed can cause irritation of the gastrointestinal tract.	
	Eye: Avoid contact. Corrosive in concentrate form. Skin: Avoid contact. May cause skin irritation Inhaled: Inhalation of vapours may cause irritation of nose and throat.	
	Chronic Effects: Long term or repeated exposure may result in	
	skin irritation in some individuals	
Required identification	None	
Details		
	: Composition/information on ingredients	
Classification and type	Classes 3.1, 6.1D, 6.4, 8.3 and 9.1 Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)	
Mixture	Ingredient CAS No % W/W	٧
	Waxes and oils (mineral and 80	
	vegetable) Emollients, humectants (e.g. lanolin, cholesterol) 30	

	1		
	Anionic / non-ionic	•	15
	surfactants (e.g. <i>polys</i>		15
	Emulsifying agents (e		15
	stearyl alcohol, oleyl a and their ethoxylates)	licorioi	
	Additional ingredien	its (e.g. plant	5
	extracts)	its (e.g. plant	3
	Sodium hydroxide	or <i>potassium</i>	4.5
	hydroxide (professiona	•	2
	(general use)		_
	Hair conditioning age	nts (e.g. proteins,	2
	polymers)		
	Parfum		1
	Aqua		to 100
	pH value: 11.0 - 13.5		
	Other ingredients de	termined not to be hazardous	to 100
	Section 4: First	Aid Measure	
Description of necessary	Swallowed:	If swallowed do not induce vom	
first aide measures		a glass of water. Contact a doc	
		National Poison Information Ce	ntre
		Phone 0800-764766	
	Eyes:	If in eyes, hold eyes open, flood	d with
		water for at least 15 minutes ar	id see a
		Doctor.	
	Skin:	Do not rub. Rinse with water. R	emove
		contaminated clothing.	
	Inhaled:	Remove person to fresh air	
Workplace facilities	None required		
Required instructions	None		
Notes for medical	Treat symptomatical	ly. If in eyes, recheck after one v	veek.
personal			
	Section 5: Fire-Fig	hting measure	
Type of hazard	Not Flammable.		
Fire hazard properties	Product is not flamm	nable. May release toxic hydroge	n sulphide
	fumes if heated to de		•
Extinguishing media &	In case of fire, water fog, fine water spray, dry chemical, CO ₂ or		
methods	foam can be used to extinguish.		
Recommended	Respirators and eye protection are required		
Protective Clothing	'	•	
5			
Section 6: Accidental Release Measure			
Procedures to be	Dilute small spills wi	th water. Contain and absorb lar	ger spills in
covered	•	or other absorbent material)	
		lance with local regulations	
· · · · · · · · · · · · · · · · · · ·			
Section 7: Handling and Storage			
overen i i i i i i i i i i i i i i i i i i i			

Subsection 1		
Handling Practices	Handle with care	
Subsection 2		
Store site requirements	Store product in cool dry place. Store away from oxidising materials	
Packaging	General Packaging Requirements HSNO P1 & P3	
Section	8: Exposure Control	Personal Protection
Subsection 1: Workplac	e Exposure Guidelines	(may also be in section 2)
Workplace exposure standards	EXPOSURE LIMITS: CHEMICAL NAME: *New Zealand workplace Ex	NZOSH* N/a posure Standards
Application in the workplace	Use PPE when handling	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineeri		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	None	
No. Hazard indication	Signage recommended	
	TOXIC	
Ventilation specification	Use in well ventilated ar	
Subsection 3: Personal	Protective Equipment (I	PPE)
Detail specifications for equipment	Skin: Gloves (Vinyl, rubber or plastic) must be worn when handling this product. Disposable gloves must not be latex Eyes: Safety glasses must be worn to avoid product contacting the eyes.	
Specific route of exposure	Skin, Eyes and Inhalation	
	ACUTE EFFECTS: Swallow: Eye:	Harmful if swallowed can cause irritation of the gastrointestinal tract. Avoid contact. Corrosive in
	Skin:	concentrate form. Avoid contact. May cause skin irritation
	Inhaled:	Inhalation of vapours may cause irritation of nose and throat.

	CHRONIC EFFECTS:	Long term or repeated exposure may
	CHRONIC EFFECTS.	result in skin irritation in some
		individuals
General Hygiene	Wash or rinse any expo	
General Hygiene	TVasii oi iiise aily expo	Sure from Skin.
04' -	- 0- Di'II 0l	I Duran
	n 9: Physical and Ch	nemical Properties
Specific Data for the	APPEARANCE:	
product not the	Liquid/cream with chara	cteristic odour
individual components		
Required Specifications	BOILING POINT: Not determined	
	FLASH POINT: Not app	
	VAPOUR PRESSURE:	
	SPECIFIC GRAVITY: 1	
	FLAMMABILITY LIMIT	5. Not determined
	pH: 11.0 - 13.5	P. Completely soluble
Further execifications	Not applicable	K. Completely Soluble
Further specifications	Not applicable	
Specific advice	Not applicable	
		nd Depativity
	ection 10: Stability a	nd Reactivity
Stability of the	Product is stable	
substance	.	
Conditions to Avoid	Not applicable	
Material to avoid	None	
Hazardous	None known	
decomposition Products	NI I	
Specific Data	None known	
		11.6.4
	ction 11: Toxicologic	
Data and interpretation		allowed can cause irritation of the
	gastrointestinal tract.	
		rosive in concentrate form.
	Skin: Avoid contact. Ma	•
		pours may cause irritation of nose and
	throat.	and the contract of all parties and a second time
		erm or repeated exposure may result in
Summariae data	skin irritation in some in Not available	uiviuuais
Summaries data Format	Not available	
FUIIIIal	INUL AVAIIADIE	
	ation 10. Factorials	
	ection 12: Ecotoxicit	
Potential Environmental	Eco-toxic to marine life in large volume spills. Minimum risk in	
Interactions		s and in normal retail delivery volumes
Data Onnani, ti	while in final form.	one distributions Oleman O. 4D
Data Organisation		ganisations Classes 9.1D
Environmental risk	Not required	
phrases		

S	ection 13: Disposal Considerations
Disposal information	Products likely to be used fully prior to disposal by end users Bulk or surplus products: Must be disposed of in accordance with local regulations to a lined landfill or in accordance with normal commercial disposal procedures
Relevant information	
	Section 14: Transport Information
Relevant Information	Display UN Classes 6, 8 and 9 in documentation Comply with land transport maximum package quantities Packaging Group III Label outer packaging with UN Classes and product identification only Label risks toxic and eco-toxic may be displayed
Other requirements	, , ,
9	Section 15: Regulatory Information
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6, 8 and 9 of control regulations
Symbols: Risk phrases:	Optional not required R25 – Toxic if swallowed

	R36 - Irritating to eyes
	Or combination risk phrases as appropriate
Safety phrases	S2 Keep out of reach of children
	Section 16: Other Information
Additional Information	

Appendix 2.21 – Hair Straightener (Relaxer) – II No-lye type cream mixed before use with activator Material Safety Data Sheet for Product Use

Section	1: Identification of the substand	e/mixture	
Product Name:	Acid Perm – Hair Straightener		
Recommended Use	Permanent waving of Hair		
Product description	Liquid with characteristic odour		
	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantiti	es	
Company Details	Cosmetic Toiletry and Fragrance Ass	ociation Inc.	
Address	Private Bag 92-066, 159 Khyber Pass	s Road Aucklan	d
Telephone Number	09-3670913		
Emergency Telephone Number	National Poison Information centre. F	Phone 0800-764	766
Date of Preparation	31 March 2015		
	Section 2: Hazards Identificatio		
Hazard Classification	Classification Category 6.1D Acutely 6.5 - Sensitizer	•	e Irritant,
	Classification Category 8.3 – Eye cor		
	Classification Category 9.1D Ecotoxic	c to aquatic env	ironment
	Risk statements R25 and R36	prioto	
	Or combination risk phrases as appro	priate	
	Safety statements S2	annranriata	
	Or combination of safety phrases as appropriate		
	Swallow – Harmful if swallowed can cause irritation of the gastrointestinal tract.		
	Eye: Corrosive in concentrate form. Contact may cause serious eye damage		
	Skin: Avoid contact. May cause skin irritation and sensitisation		
	Inhaled: Inhalation of vapours may cause irritation of nose and		
	throat.		
	Chronic Effects: Long term or repeate	ed exposure ma	y result in
	dermatitis.		
Required identification	None		
Details			
Castion	Ocation 2. Ocase celtically formed to the first transfer transfer to the first transfer transfer to the first transfer transfer transfer to the first transfer trans		
	: Composition/information on i	ngrealents	
Classification and type	Classes 6.1D, 6.4, 8.3 and 9.1	and Internation	ation 2 L(ii)
	Schedule 6 Minimum Degrees of Haz	aru – interpreta	uuon Z J (II)
Mixture	Ingredient	CAS No	% W/W
	CREAM BASE		
		II.	•

	Calcium hydroxide			10
	Waxes and oils (e.g.	mineral such as		80
	petrolatum)			
	Humectants, emollier	nts (e.g. <i>lanolin</i> ,		30
	cholesterol)			
		/ amphoteric		10
	surfactants (e.g. betain			10
	Emulsifying agents (e and their ethoxylates)	e.g. ratty arconois		10
	Hair conditioning age	nts (e.a. proteins		5
	polymers)	ito (c.g. proteirio,		
	Additional ingredien	ts (e.g. plant		5
	extracts)	, o .		
	Parfum			1
	Aqua			to 100
	pH value: 11 – 13			
	ACTIVATOR			
	ACTIVATOR Guanidine carbonate			30
	Polymers, resins, h	nair conditioning		5
	agents	iaii coriditioning		
	Additional ingredients	(e.g. humectants		5
	such as sorbitol)	(0.9		
	Parfum			1
	Cosmetic colorants			1
	Aqua			to 100
	pH value: 10 – 13			
	Mixed with cream ba	so at the time of		
	use to generate an alk			
	5 % alkali calcula	-		
	hydroxide			
	pH value of cream ba	ase and activator		
	mixed prior to use: 11	- 13.5		
	Other ingredients de	termined not to b	e hazardous	to 100
	Section 4: First			
Description of necessary	Swallowed:	If swallowed do		•
first aide measures		a glass of water		
		National Poison		ntre
		Phone 0800-76		
	Eyes:	If in eyes, hold		
		water for at leas	st 15 minutes an	d see a
		Doctor.		
	Skin:	Do not rub. Rins		emove
		contaminated cl	•	
)A/	Inhaled:	Remove person	to fresh air	
Workplace facilities	None required			
Required instructions	None			
Notes for medical	Treat symptomatical	ıy. ır ın eyes, recl	ieck atter one w	леек.

personal	
	Parties F. Fina Finating managemen
	Section 5: Fire-Fighting measure
Type of hazard	Not Flammable.
Fire hazard properties	Product is not flammable. May release toxic hydrogen sulphide fumes if heated to decomposition.
Extinguishing media & methods	In case of fire, water fog, fine water spray, dry chemical, CO ₂ or foam can be used to extinguish.
Recommended Protective Clothing	Respirators and eye protection are required
Sec	Lion 6: Accidental Release Measure
Procedures to be	Dilute small spills with water. Contain and absorb larger spills in
covered	inert materials (sand or vermiculate) Dispose of in accordance with local regulations
	Section 7: Handling and Storage
Subsection 1	
Handling Practices	Handle with care
Subsection 2	
Store site requirements	Store product in cool dry place away from foodstuffs and oxidising agents
Packaging	General Packaging Requirements HSNO P1 & P3
	8: Exposure Control/Personal Protection e Exposure Guidelines (may also be in section 2) EXPOSURE LIMITS: NZOSH*
standards	CHEMICAL NAME: N/a *Now Zooland workplace Expenses Standards
Application in the	*New Zealand workplace Exposure Standards Use PPE when handling this product
workplace	Ose FFE when handling this product
Exposure Standards outside the workplace	Not applicable
Subsection 2: Engineer	ing Controls
Hierarchy of controls measures	Ventilation PPE
Exposure control measures	None
No. Hazard indication	Signage recommended
	TOXIC
Ventilation specification	Use in well ventilated areas
	Protective Equipment (PPE)
Detail specifications for equipment	Skin: Gloves (Vinyl, rubber or plastic) must be worn when handling this product. Disposable gloves must not be latex

, , , , , , ,	ust be worn during mixing and
application to avoid product contacting the eyes.	
Skin, Eyes and Inhalation	Irritant. Avoid contact with eyes and skin. May cause sensitisation
ACUTE EFFECTS: Swallow:	Harmful if swallowed can cause irritation of the gastrointestinal tract.
Eye:	Corrosive in concentrate form. Contact
Skin:	may cause serious eye damage Skin: Avoid contact. May cause skin irritation and sensitisation
Inhaled:	Inhaled: Inhalation of vapours may cause irritation of nose and throat.
CHRONIC EFFECTS:	Chronic Effects: Long term or repeated exposure may result in dermatitis.
Wash or rinse any expo	
n Or Dhysiaal and Ol	
	nemical Properties
APPEARANCE:	·
	·
APPEARANCE:	cteristic odour
APPEARANCE: Liquid/cream with chara BOILING POINT: Not d FLASH POINT: Not app	etermined blicable
APPEARANCE: Liquid/cream with chara BOILING POINT: Not d FLASH POINT: Not app VAPOUR PRESSURE:	etermined blicable Not determined
APPEARANCE: Liquid/cream with chara BOILING POINT: Not d FLASH POINT: Not app VAPOUR PRESSURE: SPECIFIC GRAVITY: 1	etermined blicable Not determined .0 – 1.06 g/ml
APPEARANCE: Liquid/cream with chara BOILING POINT: Not d FLASH POINT: Not app VAPOUR PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMIT	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable
APPEARANCE: Liquid/cream with chara BOILING POINT: Not de FLASH POINT: Not app VAPOUR PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMIT pH: 11 – 13 (Cream) 10 –	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable - 13 (Activator) 11 - 13.5 (Mixed)
APPEARANCE: Liquid/cream with chara BOILING POINT: Not defease POINT: Not appropriate PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMITE pH: 11 – 13 (Cream) 10 – SOLUBILITY IN WATE	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable - 13 (Activator) 11 - 13.5 (Mixed)
APPEARANCE: Liquid/cream with chara BOILING POINT: Not de FLASH POINT: Not app VAPOUR PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMIT pH: 11 – 13 (Cream) 10 – SOLUBILITY IN WATE Not applicable	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable - 13 (Activator) 11 - 13.5 (Mixed)
APPEARANCE: Liquid/cream with chara BOILING POINT: Not defease POINT: Not appropriate PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMITE pH: 11 – 13 (Cream) 10 – SOLUBILITY IN WATE	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable - 13 (Activator) 11 - 13.5 (Mixed)
APPEARANCE: Liquid/cream with chara BOILING POINT: Not de FLASH POINT: Not app VAPOUR PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMIT pH: 11 – 13 (Cream) 10 – SOLUBILITY IN WATE Not applicable	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable - 13 (Activator) 11 - 13.5 (Mixed) R: Completely soluble
APPEARANCE: Liquid/cream with chara BOILING POINT: Not de FLASH POINT: Not app VAPOUR PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMIT pH: 11 – 13 (Cream) 10 – SOLUBILITY IN WATE Not applicable Not applicable	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable - 13 (Activator) 11 - 13.5 (Mixed) R: Completely soluble
APPEARANCE: Liquid/cream with chara BOILING POINT: Not de FLASH POINT: Not app VAPOUR PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMIT pH: 11 – 13 (Cream) 10 – SOLUBILITY IN WATE Not applicable Not applicable ection 10: Stability a Product is stable	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable - 13 (Activator) 11 - 13.5 (Mixed) R: Completely soluble
APPEARANCE: Liquid/cream with chara BOILING POINT: Not de FLASH POINT: Not app VAPOUR PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMIT pH: 11 – 13 (Cream) 10 – SOLUBILITY IN WATE Not applicable Not applicable Product is stable Not applicable Not applicable	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable - 13 (Activator) 11 - 13.5 (Mixed) R: Completely soluble
APPEARANCE: Liquid/cream with chara BOILING POINT: Not de FLASH POINT: Not app VAPOUR PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMIT: pH: 11 – 13 (Cream) 10 – SOLUBILITY IN WATE Not applicable Not applicable Product is stable Not applicable Not applicable Not applicable Not applicable	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable - 13 (Activator) 11 - 13.5 (Mixed) R: Completely soluble
APPEARANCE: Liquid/cream with chara BOILING POINT: Not de FLASH POINT: Not app VAPOUR PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMIT pH: 11 – 13 (Cream) 10 – SOLUBILITY IN WATE Not applicable Not applicable Product is stable Not applicable Not applicable	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable - 13 (Activator) 11 - 13.5 (Mixed) R: Completely soluble
APPEARANCE: Liquid/cream with chara BOILING POINT: Not de FLASH POINT: Not app VAPOUR PRESSURE: SPECIFIC GRAVITY: 1 FLAMMABILITY LIMIT: pH: 11 – 13 (Cream) 10 – SOLUBILITY IN WATE Not applicable Not applicable Product is stable Not applicable Not applicable Not applicable Not applicable	etermined blicable Not determined .0 – 1.06 g/ml S: Not flammable - 13 (Activator) 11 - 13.5 (Mixed) R: Completely soluble
	application to avoid production Skin, Eyes and Inhalation ACUTE EFFECTS: Swallow: Eye: Skin: Inhaled: CHRONIC EFFECTS: Wash or rinse any expo

Sec	ction 11: Toxicological Information	
Data and interpretation	Swallow – Harmful if swallowed can cause irritation of the gastrointestinal tract. Eye: Corrosive in concentrate form. Contact may cause serious eye damage Skin: Avoid contact. May cause skin irritation and sensitisation Inhaled: Inhalation of vapours may cause irritation of nose and throat. Chronic Effects: Long term or repeated exposure may result in dermatitis.	
Summaries data	Not available	
Format	Not available	
Se	ection 12: Ecotoxicity Information	
Potential Environmental Interactions Data Organisation	Eco-toxic to marine life in large volume spills. Minimum risk in user packaged products and in normal retail delivery volumes while in final form. All classes of aquatic organisations Classes 9.1D	
Environmental risk phrases	Not required	
	ction 13: Disposal Considerations	
Disposal information	Products likely to be used fully prior to disposal by end users Bulk or surplus products: Must be disposed of in accordance with local regulations to a lined landfill or in accordance with normal commercial disposal procedures	
Relevant information		
Section 14: Transport Information		
Relevant Information	Display UN Classes 6, 8 and 9 in documentation Comply with land transport maximum package quantities Packaging Group III Label outer packaging with UN Classes and product identification only Label risks toxic and eco-toxic may be displayed	
Other requirements		
	ection 15: Regulatory Information	
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6, 8 and 9 of control regulations Regulations 11-27, 7, 8, 10, 32-45, 50-51 Identification Regulations Regulations 6,7, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 47-50, 51,52	

	Packaging Regulations	
	 Regulations 5,6,7(1),8, 9 	
	Schedule 3	
	Disposal Regulations	
	• Regulations 8, 9, 10, 11, 12, 13, 14	
	Emergency Management	
	• Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42	
	Tracking:	
	Not applicable	
	Approved Handlers:	
	Not applicable	
Symbols:		
	Optional not required	
Risk phrases:	R25 – Toxic if swallowed	
	R36 - Irritating to eyes	
	Or combination risk phrases as appropriate	
Safety phrases	S2 Keep out of reach of children	
	Section 16: Other Information	
Additional Information	Corrosive in concentrated form. Closely follow usage	
	instructions when handling and mixing activator and lotion	

Appendix 2.22 – HAIR STRAIGHTENER (Relaxer) – III Material Safety Data Sheet for Product Use

Section 1	I: Identification of the substanc	e/mixture	
Product Name:	Perm/Hair Straightener		
Recommended Use	Straightening of Hair		
Product description	Liquid with characteristic odour		
	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantitie	es	
Company Details	Cosmetic Toiletry and Fragrance Ass	ociation Inc.	
Address	Private Bag 92-066, 159 Khyber Pass	Road Auckland	d
Telephone Number	09-3670913		
Emergency Telephone Number	National Poison Information centre. P	hone 0800-764	766
Date of Preparation	31 March 2015		
,	Section 2: Hazards Identificatio	n	
Hazard Classification	Classification Category 6.1D Acutely	Toxic, 6.4 – Eye	Irritant
	Classification Category 8.3 – Eye corr	rosive	
	Classification Category 9.1D Ecotoxic	to aquatic envi	ronment
	Risk statements R25 and R36		
	Or combination risk phrases as appro	priate	
	Safety statements S2		
	Or combination of safety phrases as appropriate		
	Swallow – Harmful if swallowed can cause irritation of the		
	gastrointestinal tract.		
	Eye: Avoid contact. Corrosive in concentrate form.		
	Skin: Avoid contact. May cause skin irritation		
	Inhaled: Inhalation of vapours may cause irritation of nose and		
	throat.		
	Chronic Effects: Long term or repeated exposure may result in		
	skin irritation in some individuals	a exposure ma	y result iii
Required identification	None		
Details	THORE		
Dotailo			
Section 3	Section 3: Composition/information on ingredients		
Classification and type	Classes 6.1D, 6.4, 8.3 and 9.1		
,	Schedule 6 Minimum Degrees of Haz	ard – Interpreta	tion 2 J (ii)
Mixture	Ingredient	CAS No	% W/W
	Emulsifying agents, surfactants (e.g. ethoxylated fatty alcohols)		15
	Reducing agent : ammonium thiolactate		10
	Alkalies (e.g. ammonium hydroxide or		7

	T			
	amines) Polymers, hair condition (e.g. long-chain quate			5
	compounds) Additional ingredien	its (e.g. plant		5
	extracts)			4
	Parfum Cosmetic colorants			1 1
	Aqua			to 100
	Луии			10 100
	pH value: 7 - 9.5			
	Other ingredients de	termined not to b	e hazardous	to 100
	Section 4: First	Aid Measure		
Description of necessary	Swallowed:	If swallowed do	not induce vom	iting. Give
first aide measures		a glass of water	. Contact a doct	or or the
		National Poison	Information Ce	ntre
		Phone 0800-764	4766	
	Eyes:	If in eyes, hold e	eyes open, flood	l with
		water for at leas	t 15 minutes an	d see a
		Doctor.		
	Skin:	Do not rub. Rins	se with water. R	emove
		contaminated cl	othing.	
	Inhaled:	Remove person	to fresh air	
Workplace facilities	None required			
Required instructions	None			
Notes for medical	Treat symptomatically. If in eyes, recheck after one week.			
personal				
Section 5: Fire-Fighting measure				
Section 5: Fire-Fighting measure Type of hazard Not Flammable.				
Type of hazard				
Fire hazard properties	Product is not flammable. May release toxic hydrogen sulphide			
Extinguishing modic 9	fumes if heated to decomposition.			
Extinguishing media & methods	In case of fire, water fog, fine water spray, dry chemical, CO ₂ or			
	foam can be used to extinguish. Respirators and eye protection are required			
Recommended Protective Clothing	Respirators and eye	protection are re	quired	
Protective Clothing				
Soo	tion 6: Assidants	I Poloaco Mas	CULO	
Section 6: Accidental Release Measure Procedures to be Dilute small spills with water. Contain and absorb larger spills in				
Procedures to be	•		•	Jei spilis in
covered	inert materials (sand		•	
	Dispose of in accord	iance with local re	guiau0115	
	L Coation 7: Handlin	and Stares	•	
	Section 7: Handlir	ig and Storag	U	
Subsection 1	Handle with			
Handling Practices	Handle with care			
Subsection 2				

Store site requirements	Store product in cool dry place. Store away from oxidising materials	
Packaging	General Packaging Requirements HSNO P1 & P3	
_		
		Personal Protection
		(may also be in section 2)
Workplace exposure standards	EXPOSURE LIMITS: CHEMICAL NAME:	NZOSH*
standards	Ammonia	17mg/M ³ (25ppm)
	Ammonia	1711g/W (25ppiii)
	*New Zealand workplace Ex	posure Standards
Application in the	Use PPE when handling	
workplace		•
Exposure Standards	Not applicable	
outside the workplace		
Subsection 2: Engineeri		
Hierarchy of controls measures	Ventilation PPE	
Exposure control	None	
measures	140110	
No. Hazard indication	Signage recommended	
	TOXIC	
Ventilation specification	Use in well ventilated ar	
Subsection 3: Personal		
Detail specifications for equipment	Skin: Gloves (Vinyl, rubber or plastic) must be worn when handling this product. Disposable gloves must not be latex Eyes: Safety glasses must be worn to avoid product contacting the eyes.	
Specific route of	Skin, Eyes and	
exposure	Inhalation	
	ACUTE EFFECTS:	
	Swallow:	Harmful if swallowed can cause
	Gwallow.	irritation of the gastrointestinal tract.
	Eye:	Avoid contact. Corrosive in
		concentrate form.
	Skin:	Avoid contact. May cause skin
	Inhaled:	irritation Inhalation of vapours may cause
	CHRONIC EFFECTS:	irritation of nose and throat. Long term or repeated exposure may

	result in skin irritation in some	
General Hygiene	individuals	
General Hygiene	Wash or rinse any exposure from skin.	
Soction	n 9: Physical and Chemical Properties	
Specific Data for the	APPEARANCE:	
product not the	Liquid with characteristic odour	
individual components	Liquid With Characteristic odddi	
Required Specifications	BOILING POINT: Not determined	
	FLASH POINT: Not applicable	
	VAPOUR PRESSURE: Not determined	
	SPECIFIC GRAVITY: 1.03 – 1.05 g/ml	
	FLAMMABILITY LIMITS: Not determined	
	pH : 7 - 9.5	
E 0 'C' C	SOLUBILITY IN WATER: Completely soluble	
Further specifications	Not applicable	
Specific advice	Not applicable	
	ection 40. Stability and Decetivity	
	ection 10: Stability and Reactivity Product is stable	
Stability of the substance	Product is stable	
Conditions to Avoid	Not applicable	
Material to avoid	Not applicable None	
Hazardous	May release toxic hydrogen sulphide fumes if heated to	
decomposition Products	decomposition	
Specific Data	None known	
Sec	ction 11: Toxicological Information	
Data and interpretation	Swallow – Harmful if swallowed can cause irritation of the gastrointestinal tract.	
	Eye: Avoid contact. Corrosive in concentrate form.	
	Skin: Avoid contact. May cause skin irritation	
	Inhaled: Inhalation of vapours may cause irritation of nose and	
	throat.	
	Chronic Effects: Long term or repeated exposure may result in	
	skin irritation in some individuals	
Summaries data	Not available	
Format	Not available	
	ection 12: Ecotoxicity Information	
Potential Environmental Interactions	Eco-toxic to marine life in large volume spills. Minimum risk in user packaged products and in normal retail delivery volumes	
Intordollorio	while in final form.	
Data Organisation	All classes of aquatic organisations Classes 9.1D	
Environmental risk	Not required	
phrases	·	

Se	ection 13: Disposal Considerations
Disposal information	Products likely to be used fully prior to disposal by end users Bulk or surplus products: Must be disposed of in accordance with local regulations to a lined landfill or in accordance with normal commercial disposal procedures
Relevant information	
9	Section 14: Transport Information
Relevant Information	Display UN Classes 6, 8 and 9 in documentation Comply with land transport maximum package quantities Packaging Group III Label outer packaging with UN Classes and product identification only Label risks toxic and eco-toxic may be displayed
Other requirements	
	Section 15: Regulatory Information
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6, 8 and 9 of control regulations
Symbols:	Optional not required
Risk phrases:	R25 – Toxic if swallowed R36 - Irritating to eyes

	Or combination risk phrases as appropriate	
Safety phrases	S2 Keep out of reach of children	
Section 16: Other Information		
Additional Information		

Appendix 2.23 – Hair Colourant- (Temporary) Shampoo Material Safety Data Sheet for Product Use

Section '	I: Identification of the substanc	e/mixture	
Product Name:	Temporary Hair Colour (Wash in shar	npoo)	
Recommended Use	Hair Colour (wash in type)		
Product description	Cream or liquid		
·	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantitie	es	
Company Details	Cosmetic Toiletry and Fragrance Asso		
Address	Private Bag 92-066, 159 Khyber Pass		d
Telephone Number	09-3670913		
Emergency Telephone	National Poison Information centre. P	hone 0800-764	766
Number			
Date of Preparation	31 March 2015		
	Section 2: Hazards Identification		
Hazard Classification	Classification Category 6.1D Acutely		
	Classification Category 6.4 – eye irrita		
	Classification Category 9.1D Ecotoxic	to aquatic envi	ironment
	Risk statements R25 and R36		
	Or combination risk phrases as appro	priate	
	Safety statements S2		
	Or combination of safety phrases as appropriate		
	Swallow: Can cause irritation of the gastrointestinal tract		
	Eye: Eye contact can cause irritation		
	Skin: No adverse affects noted		
Required identification	Avoid contact with eyes		
Details	7 Word Contact With Cycs		
Botano			
Section 3	: Composition/information on ir	naredients	
Classification and type	Classes 6.1 and 9.1	19.00.0110	
Classification and type	Schedule 6 Minimum Degrees of Haz	ard – Interpreta	ition 2 J (ii)
Mixture	Ingredient	CAS No	% W/W
	Anionic surfactants (e.g. TEA-lauryl		10
	sulfate, TEA-laureth sulfate)		
	Amphoteric surfactants (e.g. betaine		5
	derivatives)		_
	Non-ionic surfactants (e.g. fatty alkanolamides)		5
	Humectants (e.g. PEG)		5
	Additional ingredients (e.g. plant		5
	extracts, protein derivatives)		
	Hair dyeing agents		3
	Parfum		1

	Preservatives, antimic	crobials	1
	Aqua	7.05.4.0	to 100
		etermined not to be hazardous	to 100
	Section 4: First	Aid Measure	
Description of necessary	Swallowed:	If swallowed do not induce vor	niting. Give
first aide measures		a glass of water. Contact a doc	
		National Poison Information ce	entre.
		Phone 0800-764766	
	Eyes:	If in eyes, hold eyes open, floo	
		water for at least 15 minutes a	nd see a
		Doctor if pain persists.	16: 20 0
	Skin:	Wash affected area with water	
	Inhalad	develops seek medical advice.	
Workplace facilities	Inhaled:	Remove person to fresh air.	
Workplace facilities Required instructions	Swallowed:	for rinsing of eyes or skin If swallowed do not induce vor	niting Give
Required instructions	Swallowed.	a glass of water. Contact a doc	-
		National Poison Information ce	
		Phone 0800-764766	iiue.
	Eyes:	If in eyes, hold eyes open, floo	d with
		water for at least 15 minutes a	
		Doctor if pain persists.	
	Skin:	Wash affected area with water	. If irritation
		develops seek medical advices	
	Inhaled:	Remove person to fresh air.	
Notes for medical	Treat symptomatically. If in eyes, recheck after one week.		
personal			
	Section 5: Fire-Fig	ghting measure	
Type of hazard	Not Flammable		
Fire hazard properties	Not applicable		
Extinguishing media &		lammable. In case of fire water,	water tog,
methods	dry chemical, CO ₂ o	r foam can be used.	
Recommended	Not required		
Protective Clothing			
0	tion G. Assidants	I Dologoo Magazza	
		I Release Measure	inant
Procedures to be		th water. Contain and absorb in	
covered	·	vermiculate). Dispose of in acco	ordance
	with local regulations	3 .	
	Section 7: Handling and Storage		
Subsection 1	Jechon I. Handin	ng and Storage	
Handling Practices	Skin: Gloves	s (vinyl, rubber or plastic) must b	A WORD
Tranding Fractices		nandling this product in large qu	
		ged periods. Disposable gloves	
	prototi	gea periode. Dioposable gioves	

	latex (not required for casual or intermittent use) Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes when handling in bulk quantities (Not required for casual or intermittent use)
	Flammability: Product is not flammable
Subsection 2	
Store site requirements	Store product in a cool place out of sun and away from food stuffs.
Packaging	General Packaging Requirements HSNO P1 & P3 No special requirements
Section	8: Exposure Control/Personal Protection
	e Exposure Guidelines (may also be in section 2)
Workplace exposure	EXPOSURE LIMITS: NZOSH*
standards	CHEMICAL NAME: N/a
	*New Zealand workplace Exposure Standards
Application in the workplace	Not applicable
Exposure Standards outside the workplace	Not applicable
Subsection 2: Engineeri	ing Controls
Hierarchy of controls measures	None
Exposure control measures	None
No Hazard indication	No Hazard indication is required but signage recommended
Ventilation specification	Normal use
	Protective Equipment (PPE)
Detail specifications for equipment	Skin: Gloves (vinyl, rubber or plastic) must be worn when handling this product for prolonged periods in bulk quantities. Disposable gloves must not be latex (not required for intermittent use) Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes for prolonged periods in bulk quantities. (Not required for intermittent use)

Specific route of	Skin and Eves		
Specific route of exposure	Skin and Eyes		
CAPOSUIG	ACUTE EFFECTS:		
	Swallow:	Harmful if swallowed. Product may	
	Ovvaiiov.	cause irritation of the gastrointestinal	
		tract.	
		Corrosive to the eye.	
	Eye:	Avoid contact. Prolonged skin contact	
	Skin:	may cause skin irritation.	
	Inhaled:	None	
	CHRONIC EFFECTS:	Some aromatic amine dyes may	
		cause contact dermatitis and allergic	
		reactions in some individuals.	
General Hygiene		sure from skin. Do not re-use gloves	
	directly contaminated.		
	A B1 1 1 1 2 1		
	n 9: Physical and Ch	nemical Properties	
Specific Data for the	APPEARANCE:		
product not the	Liquid shampoo		
individual components	DOU INC DOINT: N. 4 D	Note madic od	
Required Specifications	BOILING POINT: Not D		
	FLASH POINT: Not flar		
	VAPOUR PRESSURE:		
	SPECIFIC GRAVITY: 0	•	
	FLAMMABILITY LIMITED PH: 7.0 – 7.5	S. NOT Applicable	
	SOLUBILITY IN WATE	R: Completely soluble	
	SOLUBILITI IN WATE	it. Completely soluble	
Further specifications	Not applicable		
Specific advice	Not applicable		
S	ection 10: Stability a	nd Reactivity	
Stability of the	Product is stable		
substance			
Conditions to Avoid	Not applicable		
Material to avoid	Not applicable		
Hazardous	None known		
decomposition Products			
Specific Data	None known		
	ction 11: Toxicologic		
Data and interpretation	Harmful if swallowed. Product may cause irritation of the		
	gastrointestinal tract.		
	Corrosive to the eye.		
		skin contact may lead to dermatitis.	
	Some aromatic amine d	yes may cause contact dermatitis and	

allergic reactions in some individuals. Not available Not available
ection 12: Ecotoxicity Information
Eco-toxic to animals and marine life in large volume spills. Minimum risk in consumer packaged products and in normal retail delivery volumes
All classes of terrestrial vertebrate and aquatic organisations Classes 6.3B, 9.1D and 9.3C
Not required
estion 42: Diamond Considerations
ection 13: Disposal Considerations
May contain Toxic and Eco-toxic residue in small quantise Must not be disposed of through untreated drains or storm water systems. Surplus contents may be rinsed to treated wastewater systems Bulk disposal must be in accordance with local regulatory requirements to a lined landfill or in accordance with normal commercial disposal procedures
Do not reseal single use products Dispose of to lined landfill or approved incineration system
Section 14: Transport Information
Section 14: Transport Information Display UN Class 9 in documentation
Label outer packaging with UN Classes and product identification Label may show risks eco-toxic
ection 15: Regulatory Information
HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6,8 and 9 of control regulations

	25-34, 35-41, 42 Tracking: • Not applicable Approved Handlers: • Not applicable Transport Standard
	Not applicable
Symbols:	Optional not required
Risk phrases:	R22 - Harmful if swallowed
	R36 - Irritating to eyes
	Or combination risk phrases as appropriate
Safety phrases	S2 – Keep out of reach of children
Section 16: Other Information	
Additional Information	None applicable

Appendix 2.24 – Hair Colourant- (Temporary) Mousse and Lotion Material Safety Data Sheet for Product Use

Section '	1: Identification of the substanc	e/mixture	
Product Name:	Temporary Hair Colour		
Recommended Use	Hair Colour		
Product description	Mousse or Lotion		
	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantitie	es	
Company Details	Cosmetic Toiletry and Fragrance Asso		
Address	Private Bag 92-066, 159 Khyber Pass		nd
Telephone Number	09-3670913	, read , taernar	
Emergency Telephone	National Poison Information centre. P	hone 0800-76/	1766
Number		110116 0000-7 0-	+700
Date of Preparation	31 March 2015		
	│ Section 2: Hazards Identification	<u> </u>	
Hazard Classification	Classification Category 6.1D Acutely		
Hazaru Classification			
	Classification Category 6.4 – eye irrita		dra ana ant
	Classification Category 9.1D Ecotoxic	to aquatic env	/ironment
	Risk statements R25 and R36		
	Or combination risk phrases as appro	priate	
	Safety statements S2		
	Or combination of safety phrases as appropriate		
	Swallow: Can cause irritation of the gastrointestinal tract		
	Eye: Eye contact can cause irritation		
	Skin: No adverse affects noted		
Required identification	Avoid contact with eyes		
Details	,		
Botano			
	: Composition/information on ir	ngredients	
Classification and type	Classes 6.1 and 9.1		
	Schedule 6 Minimum Degrees of Haz	ard – Interpreta	ation 2 J (ii)
Mixture	Ingredient	CAS No	% W/W
	Ethanol (alcohol, alcohol denat.)		60
	Additional ingredients (e.g. plant		5
	extracts, protein derivatives)		1.
	Polymers, resins (e.g. acrylates		4
	copolymer, carbomer)		
	Hair dyeing agents		1
	Preservatives, antimicrobials		1
	Surfactants (e.g. cationic such as cetrimonium chloride)		0.2
L	John Marin Gride (

	Neutralising agent (e.g. aminomethyl propanol or organic acid 9		
	such as citric acid or triethanolamine)		40.400
	Aqua For aerosol products: propellants (e.g. to 100 10 10 10		
	hydrocarbons) Other ingredients determined not to be hazardous to 100		to 100
	Other ingredients de	terrifica flot to be flazardeds	10 100
	Section 4: First	Aid Measure	
Description of necessary	Swallowed:	If swallowed do not induce von	niting. Give
first aide measures		a glass of water. Contact a doc National Poison Information ce Phone 0800-764766	ntre.
	Eyes:	If in eyes, hold eyes open, floo water for at least 15 minutes at Doctor if pain persists.	nd see a
	Skin:	Wash affected area with water develops seek medical advice.	
)	Inhaled:	Remove person to fresh air.	
Workplace facilities	Swallowed:	for rinsing of eyes or skin	aiting Cive
Required instructions	Swallowed.	If swallowed do not induce von a glass of water. Contact a doc National Poison Information ce Phone 0800-764766	ctor or the
	Eyes:	If in eyes, hold eyes open, floo water for at least 15 minutes at Doctor if pain persists.	
	Skin:	Wash affected area with water develops seek medical advice.	
	Inhaled:	Remove person to fresh air.	
Notes for medical personal	Treat symptomatica	lly. If in eyes, recheck after one	week.
	<u> </u>		
	Section 5: Fire-Fig	ghting measure	
Type of hazard	Not Flammable		baye
Fire hazard properties	None however where aerosol propellant is used will have explosive properties		
Extinguishing media & methods	The material is not flammable. In case of fire water, water fog, dry chemical, CO ₂ or foam can be used.		
Recommended Protective Clothing	Not required		
Section 6: Accidental Release Measure			
Procedures to be covered	Dilute small spills with water. Contain and absorb in inert material (ie. sand or vermiculate). Dispose of in accordance with local regulations.		
Section 7: Handling and Storage			

Subsection 1		
Handling Practices	Skin: Gloves (vinyl, rubber or plastic) must be worn when handling this product in large quantise or f prolonged periods. Disposable gloves must not be	эе
	Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes when handling in bulk quantities (Not required for casual or intermittent use)	0
	Flammability: Product is not flammable	
Subsection 2	,	
Store site requirements	Store product in a cool place out of sun and away from food stuffs.	
Packaging	General Packaging Requirements HSNO P1 & P3 No special requirements	
Section	8: Exposure Control/Personal Protection	
	Exposure Guidelines (may also be in section 2)	
Workplace exposure	EXPOSURE LIMITS: NZOSH*	
standards	CHEMICAL NAME: N/a	
	*New Zealand workplace Exposure Standards	
Application in the workplace	Not applicable	
Exposure Standards	Not applicable	
outside the workplace	na Controlo	
Subsection 2: Engineer Hierarchy of controls	None	
measures	None	
Exposure control measures	None	
No Hazard indication	No Hazard indication is required but signage recommended	
Ventilation specification	Normal use	
	Protective Equipment (PPE)	
Detail specifications for equipment	Skin: Gloves (vinyl, rubber or plastic) must be worn when handling this product for prolonged periods in bulk quantities. Disposab gloves must not be latex (not required for intermittent use) Eyes:	le
	Eye protection should be worn (safety glasses) to avoid produ contacting the eyes for prolonged periods in bulk quantities. (Not required for intermittent use)	ıct

Specific route of exposure	Skin and Eyes	
	ACUTE EFFECTS:	
	Swallow:	Harmful if swallowed. Product may
		cause irritation of the gastrointestinal
		tract.
	- Fyo:	Corrosive to the eye.
	Eye: Skin:	Avoid contact. Prolonged skin contact may cause skin irritation.
	Inhaled:	None
	illiaica.	THORE
	CHRONIC EFFECTS:	Some aromatic amine dyes may
		cause contact dermatitis and allergic
	100	reactions in some individuals.
General Hygiene		sure from skin. Do not re-use gloves
	directly contaminated.	
Sactio	n 0: Dhysical and Ch	nomical Proporties
Specific Data for the	n 9: Physical and Ch │APPEARANCE:	leillicai Properties
product not the	Liquid Cream - Mousse	
individual components	Eigaia Ordain Mouddo	
Required Specifications	BOILING POINT: Not Determined	
	FLASH POINT: Not flammable	
	VAPOUR PRESSURE: Not Determined	
	SPECIFIC GRAVITY: 0.98 - 1.0g/mL FLAMMABILITY LIMITS: Not Applicable	
	pH: 6 - 10	
	SOLUBILITY IN WATER: Completely soluble	
	OOLOBILITY IN WATE	N. Completely colubic
Further specifications	Not applicable	
Specific advice	Not applicable	
	1 10 01 1 1111	
	ection 10: Stability a	nd Reactivity
Stability of the	Product is stable	
substance Conditions to Avoid	Not applicable	
Material to avoid	Not applicable Not applicable	
Hazardous	None known	
decomposition Products	Trong Midwii	
Specific Data		
Section 11: Toxicological Information		
Data and interpretation		roduct may cause irritation of the
	gastrointestinal tract.	

	Corrosive to the eye.
	Long term or repeated skin contact may lead to dermatitis.
	Some aromatic amine dyes may cause contact dermatitis and
	allergic reactions in some individuals.
Summaries data	Not available
Format	Not available
S	ection 12: Ecotoxicity Information
Potential Environmental	Eco-toxic to animals and marine life in large volume spills.
Interactions	Minimum risk in consumer packaged products and in normal
	retail delivery volumes
Data Organisation	All classes of terrestrial vertebrate and aquatic organisations
Data Organisation	Classes 6.3B, 9.1D and 9.3C
Environmental risk	Not required
phrases	Not required
pillases	
90	ection 13: Disposal Considerations
Disposal information	May contain Toxic and Eco-toxic residue in small quantise
	Must not be disposed of through untreated drains or storm
	water systems.
	Surplus contents may be rinsed to treated wastewater systems
	Aerosols must have warning not to puncture
	Bulk disposal must be in conjunction with local disposal
	regulations to a lined landfill or in accordance with normal
	commercial disposal procedures
Relevant information	Do not reseal single use products
	Dispose of to lined landfill or approved incineration system
	Section 14: Transport Information
Relevant Information	Display UN Class 9 in documentation
	Label outer packaging with UN Classes and product
	identification
Other requirements	
	ection 15: Regulatory Information
Regulatory Status	HSNO Regulations
	The HSNO Approval Number for the Cosmetic Group
	Standard is HSR002552
	Classes 6,8 and 9 of control regulations
	 Regulations 11-27, 7, 10, 32-45, 50-51
	Identification Regulations
	• Regulations 6,7,32-35,36(1)-(7)
	 Regulations 25, 29-31,37-39,47-50, 51,52
	Packaging Regulations
	• Regulations 5,6,7(1),8, 9, 13
	• Schedule 3
	Disposal Regulations

	• Regulations 8, 9, 10, 11, 12, 13, 14	
	Emergency Management	
	 Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-29, 	
	25-34, 35-41, 42	
	Tracking:	
	Not applicable	
	Approved Handlers:	
	Not applicable	
	Transport Standard	
	Not applicable	
Symbols:	Optional not required	
Risk phrases:	R22 - Harmful if swallowed	
'	R36 - Irritating to eyes	
	Or combination risk phrases as appropriate	
Safety phrases	S2 – Keep out of reach of children	
	Section 16: Other Information	
Additional Information	None applicable	

Appendix 2.25 – Hair Colour – (Semi-Permanent) Liquid – Cream Mousse or Aerosol Material Safety Data Sheet for Product Use

Section '	1: Identification of the substance/mixture		
Product Name:	Hair Colour (Flammable)		
Recommended Use	Hair Colour		
Product description	Coloured Liquid/Mousse or Aerosol		
·	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantities		
Company Details	Cosmetic Toiletry and Fragrance Association Inc.		
Address	Private Bag 92-066, 159 Khyber Pass Road Auckland		
Telephone Number	09-3670913		
Emergency Telephone Number	National Poison Information centre. Phone 0800-764766		
Date of Preparation	31 March 2015		
	Section 2: Hazards Identification		
Hazard Classification	Classification Category 3 – Flammable Liquid		
	Classification Category 6.1D Acutely Toxic, 6.3 – Skin Irritant,		
	6.4 – Eye Irritant, 6.5 – Sensitiser		
	Classification Category 9.1D Ecotoxic to aquatic environment		
	Risk statements R10, R25, R37 and 41		
	Or combination risk phrases as appropriate		
	Safety statements S2 and S46		
	Or combination of safety phrases as appropriate		
	Swallow – Harmful if swallowed. May cause irritation of the gastrointestinal tract.		
	Eye: Splash in the eyes may cause immediate stinging		
	sensation and tears. Transient reddening of eye may also		
	occur.		
	Skin: Avoid contact, Prolonged skin contact may cause skin irritation		
	Inhaled: At relatively high vapour concentrations ethyl or		
	isopropyl alcohol are irritants to the nose and throat and may		
	cause central nervous system depression		
Required identification	Poison, Avoid contact with skin		
Details			
	: Composition/information on ingredients		
Classification and type	Classes 3.1, 6.1, 6.3, 6.4, 6.5 and 9.1		
	Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient CAS No % W/W		

	T =			
	Ethanol and/or isop			50
	alcohol denat., isopropyl alcohol)			44
	Emulsifying agents (e.g. laureth) Anionic / non-ionic / amphoteric			11 10
			10	
	surfactants (e.g. ether of oleyl alcohol			10
	Hair dyeing agents			10
	Solvents (e.g. propylene glycol, benzyl			10
	alcohol, glycol ethers			
	such as <i>butoxydiglyco</i> Cationic surfactant	•		_
		\ \		5
	dicetyldimonium chlor Additional ingredier			5
	extracts, protein deriva			3
	Soaps (e.g. lauric soa			5
	Hair conditioning age			5
	oil)	onto (c.g. omoone		
	Resins (e.g. <i>acrylates</i>	copolymer)		3
	Viscosity controlling			2
	cellulose derivatives)	, (_
	Parfum			1
	Preservatives, antimic	robials		1
	Neutralising agent (qs pH 6 –
		hanolamine or		10
	ammonium hydroxide)		
	Aqua			to 100
			10	
	hydrocarbons)			
	Other ingredients determined not to be hazardous to 100			
Section 4: First Aid Measure				
Description of necessary	Swallowed:	If swallowed do	not induce vom	iting. Give
first aide measures		a glass of water.		
		National Poison		
		Phone 0800-764		
	Eyes:	If in eyes, hold e		l with
		water for at leas	•	
		Doctor if pain pe		a 000 a
	Skin:	Wash affected a		If irritation
	OMIT.	develops seek n		ii iiiitatiOii
	Inhaled:	•		
Workplace facilities	Inhaled: Remove person to fresh air. Availability of water for rinsing of eyes or skin			
Workplace facilities	Avaliability of Water	Tor firsting or eyes	UI SKIII	
Required instructions	Toolet committee (C. C.		l f t -	1.
Notes for medical	Treat symptomatically. If in eyes, recheck after one week.			
personal				
	Section 5: Fire-Fig	ghting measur	e	
Type of hazard	Flammable			
Fire hazard properties	If spilled or ruptured will increase the intensity of fire			
Extinguishing media &	The material is not flammable. In case of fire, water, water fog,			
	The material is not f	lammable. In case	e of fire, water, v	water fog.
methods	The material is not fl dry chemical, CO ₂ o			water fog,

	Cool adiac	ent containers		
Recommended	Not required			
Protective Clothing	Trock rodalinos			
Sed	ction 6: Ac	cidental Rele	ase Measure	
Procedures to be	Remove possible leaking containers. Remove all ignition			
covered	sources an	nd ventilate area.		
		Il spills with water		
		For larger spills dilute with water and absorb in inert material		
	`	r vermiculate).		
	Dispose of	in accordance w	vith local regulations.	
	Section 7:	Handling and	d Storage	
Subsection 1		Transming and		
Handling Practices	Skin:	Gloves (vinyl,	rubber or plastic) must be worn	
		when handling	g this product or mixture. Disposable	
		gloves must r	not be latex	
	Eyes:		n should be worn (safety glasses) to	
			contacting the eyes.	
	Flammabili	-	Keep away from heat, flame or	
Subsection 2		ignition source	es	
Store site requirements	Store product in a goal place out of our and away from food			
Store site requirements	Store product in a cool place out of sun and away from food stuffs.			
	Store away from corrosive and oxidising products.			
			e Dangerous Goods regulations	
Packaging		General Packaging Requirements HSNO P1 & P3		
	Packaging of single use products under 100ml must not be re-			
	sealable and contain disposal instructions under Section 13.			
	Packaging is able to handle drop of 0.5m without leakage Packaging will not react with mixture or ingredients			
	Fackaging	Will Hot react wit	ir mixture or ingredients	
Section	8: Exposu	re Control/Pe	rsonal Protection	
Subsection 1: Workplace				
Workplace exposure	EXPOSUR	RE LIMITS:	NZOSH*	
standards	CHEMICA	L NAME:		
	Ethyl alcoh	nol	1880mg/m³ (1000ppm)	
	Or		2	
	Isopropyl a	alcohol	983mg/m ³ (400ppm)	
	Ammonia	·	17mg/m³(25ppm)	
	Ethanolam		7.5mmg/ m ³ (3ppm)	
Application in the	*New Zealand workplace Exposure Standards			
workplace	Warnings:		dients which may cause skin	
Workplace	This product contains ingredients which may cause skin irritation and sensitisation to certain individuals (ie.			
	phenylendiamines). A preliminary skin test must be carried out before use. (For test details see product pack copy).			
			or dyeing the eyelashes or	

	eyebrows.		
Exposure Standards	Not applicable		
outside the workplace			
Subsection 2: Engineeri	ng Controls		
Hierarchy of controls	Ventilation		
measures	PPE		
Exposure control	None		
measures			
No. Hazard indication	recommended	equired but other signage	
	TOXIC	FLAMMABLE LIQUIDS AREA NO SMOKING	
Ventilation specification	Use in well ventilated ar		
Subsection 3: Personal		PPE)	
Detail specifications for equipment	Skin: Gloves (vinyl, rubber or plastic) must be worn when handling this product. Disposable gloves must not be latex Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. Inhalation: Universal mask should be worn when mixing or applying on a continuing basis		
	000		
Specific route of exposure	Skin, Eyes and Inhalation		
	ACUTE EFFECTS: Swallow:	Harmful if swallowed. Product may cause irritation of the gastrointestinal tract.	
	Eye:	Corrosive to the eye.	
	Skin:	Avoid contact. Prolonged skin contact	
		may cause skin irritation.	
	Inhaled:	At relatively high vapour	
	CHRONIC EFFECTS:	concentrations ethyl or isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression. Long term exposure to ethyl and isopropyl alcohol may result in irritation of the lining of the nose and mouth, headache, lack of	
		concentration and drowsiness.	

		Repeated skin contact may lead to	
		dermatitis. Some aromatic amine dyes	
		may cause dermatitis and allergic reactions in some individuals.	
General Hygiene	Wash or rinse any exposure from skin. Do not re-use gloves		
General Hygiene	directly contaminated.	are from skill. Do not to use gloves	
Sectio	n 9: Physical and Che	mical Properties	
Specific Data for the	APPEARANCE:		
product not the	Coloured liquid with amme	onia odour	
individual components	·		
Required Specifications	BOILING POINT: 35°C		
	FLASH POINT: 23-61°C		
	VAPOUR PRESSURE: N		
	SPECIFIC GRAVITY: 0.8		
	FLAMMABILITY LIMITS: pH: 5.0 - 11.7	Fiammable	
	SOLUBILITY IN WATER:	· Completely soluble	
		. Completely soluble	
Further specifications	Not applicable		
Specific advice	Not applicable		
	ection 10: Stability and	d Reactivity	
Stability of the	Product is stable		
substance	Net confiction		
Conditions to Avoid	Not applicable Oxidiser and corrosive materials		
Material to avoid Hazardous	None known	ateriais	
decomposition Products	None known		
Specific Data	None known		
оросто Вака	Trene miowii		
Sec	tion 11: Toxicologica	al Information	
Data and interpretation		duct may cause irritation of the	
· ·	gastrointestinal tract.	•	
	Irritant to the eye.		
	_	skin contact may cause skin irritation.	
		concentrations ethyl or isopropyl	
		nose and throat and may cause	
	central nervous system de	epression.	
	Long term exposure to eth	hyl and isopropyl alcohol may result in	
	irritation of the lining of the	e nose and mouth, headache, lack of	
		ness. Some aromatic amine dyes may	
	cause contact dermatitis and allergic reactions in some		
Cumama ani s s d s t -	individuals.		
Summaries data	Not available		
Format	Not available		

ection 12: Ecotoxicity Information			
Eco-toxic to animals and marine life in large volume spills. Minimum risk in consumer packaged products and in normal retail delivery volumes			
All classes of terrestrial vertebrate and aquatic organisations Classes 9.1D and 9.3C			
Not required			
ction 13: Disposal Considerations			
No special consumer requirement as containers are expected to be fully used prior to disposal Do not reseal single use products Bulk or surplus products: Must not be disposed of through untreated drains or storm water systems. Surplus contents may be rinsed to treated wastewater systems			
Dispose of to lined landfill or approved incineration system			
Section 14: Transport Information			
Display UN Classes 6 and 9 in documentation Comply with land transport maximum package quantise Packaging Group III Label outer packaging with UN Classes and product identification Label risks toxic and eco-toxic			
HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 3 6,8 and 9 of control regulations Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 - 70 Identification Regulations Regulations 6,7,11, 32-35,36(1)-(7) Regulations 25, 29-31,37-39,47-50, 51,52 Packaging Regulations			

	Schedule 3 Dianage Basyletians	
	Disposal Regulations	
	• Regulations 6, 8, 9, 10, 11, 12, 13, 14	
	Emergency Management	
	• Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-	
	29, 25-34, 35-41, 42	
	Tracking:	
	Not applicable	
	Approved Handlers:	
	Not applicable	
	Transport Standard	
	• NZS: 5433 1999	
Symbols:		
	UN/HSNO 3 is required	
	TOXIC PAMMABLE LIQUIDS AREA NO SMOKING	
Risk phrases:	R10 - Flammable	
·	R25 – Toxic if swallowed	
	R37 - Irritating to respiratory system	
	R41 - Risk of serious damage to eyes	
	Or combination risk phrases as appropriate	
Safety phrases	S2 Keep out of reach of children	
	S46 If swallowed, seek medical advice immediately and show	
	container or label	
	Or safety phrases consistent with the necessary safety warning	
	, , , , , , , , , , , , , , , , , , ,	
	Section 16: Other Information	
Additional Information	None applicable	

Appendix 2.26 – Hair Colour (Permanent, Oxidative Type) Material Safety Data Sheet for Product Use

Section '	1: Identification of the substance/mixture		
Product Name:	Hair Colour		
Recommended Use	Hair Colouring		
Product description	Low viscosity liquid		
Troddot decemption	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantities		
Company Details	Cosmetic Toiletry and Fragrance Association Inc.		
Address	Private Bag 92-066, 159 Khyber Pass Road Auckland		
Telephone Number	09-3670913		
Emergency Telephone	National Poison Information centre. Phone 0800-764766		
Number	National 1 dison information centre. 1 mone dood-1047 do		
Date of Preparation	31 March 2015		
Date of Freparation	01 March 2010		
;	Section 2: Hazards Identification		
Hazard Classification	HSNO Classification category: 6.1D – acutely toxic		
	HSNO Classification category: 6.4 – eye irritant		
	HSNO Classification category: 6.5 – Sensitiser		
	HSNO Classification category: 8.2 – Skin corrosive		
	HSNO Classification category: 8.3 – eye corrosive		
	HSNO Classification category: 9.1 – Ecotoxic aquatic life		
	Risk statements R8, R25, R36, R37 and R38		
	Or combination risk phrases as appropriate		
	Safety statements S2 and S46		
	Or combination of safety phrases as appropriate		
	разования в в в в в в в в в в в в в в в в в в в		
	Swallow: Severe systemic poisoning, may cause headaches,		
	dizziness, vomiting diarrhoea, tremors, numbness, convulsions,		
	pulmonary oedema, unconsciousness and shock.		
	Eye: Eye contact may cause ulceration of the cornea. The		
	appearance of eye damage may be delayed		
	Skin: Avoid contact. Temporary whitening or bleaching of the		
	skin may occur. Irritation and formation of blisters may also		
	occur.		
	Inhaled: Exposure to high vapour concentration may cause		
	irritation of nose and throat.		
Required identification	Poison		
Details			
	: Composition/information on ingredients		
Classification and type	Classes 6.1, 6.4, 6.5, 8.2, 8.3 and 9.1		
	Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient CAS No % W/W		

NB: in two component products dyes or	
dye precursors are contained in one	
part, whilst oxidising agents are in the	
other. Part I and Part II are mixed	
together immediately prior to use.	
PÅRT I	
Anionic / non-ionic / amphoteric surfactants	60
(e.g. ammonium laureth sulfate,	
laureth-12)	
Emulsifying agents (e.g. ethoxylated fatty alcohols)	30
Soaps (e.g. ammonium hydroxide/ethanolamine oleates)	30
Solvents (e.g. <i>propylene glycol</i> , <i>benzyl alcohol</i> , glycol ethers	20
such as butoxydiglycol)	40
Ethanol and/or isopropanol (alcohol, alcohol denat., isopropyl alcohol)	16
Hair dyeing agents	12
Alkaline agents (e.g. ammonium	10
hydroxide*, ethanolamine)	10
Viscosity controlling agents (e.g.	10
carbomer, fatty alcohols)	_
Cationic surfactants $\geq C_{12}$ (e.g.	5
dicetyldimonium chloride, PEG-2 oleamine)	
· ·	5
Cationic polymers (e.g. polyquaternium-34)	
Additional ingredients (e.g. hair	5
conditioning agents, pearlescent	
agents) Reducing agents (e.g. sodium	3
metabisulfite)	
Parfum	2
	1
Chelating agents (e.g. <i>EDTA</i>)	to 100
Aqua	.5 100
pH value: 8 - 11.5	
* maximum concentration of	
ammonium hydroxide permitted is 6 %	
DADT II	
PART II	12
Hydrogen peroxide	
Surfactants, emulsifying agents (e.g.	10
ethoxylated fatty alcohols)	_
Humectants (e.g. glycerin)	5
Chelating agents	0.5
Hydrogen peroxide stabilising agents	0.5
(e.g. sodium stannate, phenacetin)	
pH adjuster (e.g. phosphoric acid)	qs pH 2 –
	3
Aqua	to 100

	pH value of Part I and	Part II mixed			
	prior to use: 8 - 11.5			1 100	
	Other ingredients determined not to be hazardous to 100			to 100	
	Section 4: First				
Description of necessary first aide measures	Swallowed: If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or the National Poison Information centre. Phone 0800-764766				
	Eyes:	If in eyes, hold e water for at leas Doctor.	eyes open, flood		
	Skin:	Remove contain affected area wi develops seek r	th water. If irrita		
	Inhaled:	Remove person			
Workplace facilities	Availability of water				
Required instructions		Appropriate war			
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.				
	Section 5: Fire-Fig	ghting measur	'e		
Type of hazard	Not Flammable				
Fire hazard properties	Will not burn, but may release oxygen when subjected to heat. At concentrations above 10% hydrogen peroxide may ignite a fire if spilled on combustible materials (ie wood, paper, cardboard).				
Extinguishing media & methods	The material is not fl dry chemical, CO ₂ o			water fog,	
Recommended Protective Clothing	Not required				
0	Section 6: Accidental Release Measure				
	1		sure		
Procedures to be covered	Dilute small spills with water. For larger spills contain and absorb in inert material (sand). Dispose of in accordance with local regulations.				
	Section 7: Handling and Storage				
Subsection 1					
Handling Practices	Handle with care to avoid spills. Use protective equipment in use or for spills				
Subsection 2	T				
Store site requirements	Store product in a cool place away from heat and direct sunlight. Store away from corrosive and flammable products. Store in accordance with Dangerous Goods Regulations				
Packaging	General Packaging Requirements HSNO P1 & P3				

	Packaging of single use products under 100ml must not be
J .	sealable and contain disposal instructions under Section
	Packaging is able to handle drop of 0.5m without leakage
	Packaging will not react with mixture or ingredients
	T dottaging tim flot roadt tim finataro of ingrounding
	Section 8: Exposure Control/Personal Protection
	Subsection 1: Workplace Exposure Guidelines (may also be in section 2)
	Workplace exposure EXPOSURE LIMITS: NZOSH*
	standards CHEMICAL NAME:
	Hydrogen peroxide 1.4mg/m³(1ppm)
	*New Zealand workplace Exposure Standards
	Application in the None applicable
	workplace Trong applicable
	Exposure Standards Not applicable
	outside the workplace
	Subsection 2: Engineering Controls
	Hierarchy of controls Ventilation
	measures PPE
	Exposure control None
	neasures
d	No. Hazard indication No Hazard indication is required but signage recommend
	TOXIC CORROSIVE OXIDIZING AGENT
t be	Skin: Gloves (vinyl, rubber or plastic) must be worn when hand this product or the mixture between products and solution containing hydrogen peroxide. Disposable gloves must no latex Eyes: Eye protection must be worn (safety glasses) to avoid accidental splashes into eyes. Inhalation: Universal mask should be worn when mixing or applying continuing basis
	Specific route of Skin, Eyes and
n s t	No. Hazard indication No Hazard indication No Hazard indication is required but signage recommend Ventilation specification Subsection 3: Personal Protective Equipment (PPE) Detail specifications for equipment Gloves (vinyl, rubber or plastic) must be worn when hand this product or the mixture between products and solution containing hydrogen peroxide. Disposable gloves must not latex Eyes: Eye protection must be worn (safety glasses) to avoid accidental splashes into eyes. Inhalation: Universal mask should be worn when mixing or applying continuing basis

	ACUTE EFFECTS:		
	Swallow:	Severe systemic poisoning, may	
	Swallow.	cause headaches, dizziness, vomiting	
		diarrhoea, tremors, numbness,	
		convulsions, pulmonary oedema, unconsciousness and shock.	
	Eve:		
	Eye:	Eye contact may cause ulceration of	
		the cornea. The appearance of eye	
	Skin:	damage may be delayed	
	SKIII.	Avoid contact. Temporary whitening or	
		bleaching of the skin may occur.	
		Irritation and formation of blisters may also occur.	
	Inhaled:		
	ilinaled.	Exposure to high vapour concentration	
		may cause irritation of nose and throat.	
	CHRONIC EFFECTS:		
	CHRONIC EFFECTS.	Long term skin contact may cause dermatitis	
General Hygiene		sure from skin. Do not re-use gloves	
	directly contaminated.		
	tion 9: Physical and Chemical Properties		
Specific Data for the	APPEARANCE:		
product not the	Low viscosity liquid		
individual components	BOILING POINT: 100°C		
Required Specifications			
	FLASH POINT: Not flammable		
	VAPOUR PRESSURE: Not Determined SPECIFIC GRAVITY: 1.02 - 1.05 g/mL		
		•	
	FLAMMABILITY LIMIT	S: Not Applicable	
	pH: 8 - 11.5	.	
E 0 'C C	SOLUBILITY IN WATER: Miscible		
Further specifications	Not applicable		
Specific advice	Not applicable		
S	□ ection 10: Stability a	nd Reactivity	
Stability of the	Product is stable		
substance	1 Toddot 15 Stable		
Conditions to Avoid	Heat		
Material to avoid	Combustible materials such as paper, wood or cardboard.		
Hazardous	Flammable, corrosive or oxidising materials		
decomposition Products	None known		
Specific Data	None known		
оресть рака	INOTIC KITOWIT		
Section 11: Toxicological Information			
Data and interpretation	<u>. </u>	nic poisoning. May cause headaches,	

	T
	dizziness, vomiting diarrhoea, tremors, numbness, convulsions,
	pulmonary oedema, unconsciousness and shock. Eye: Eye contact may cause ulceration of the cornea. The
	appearance of eye damage may be delayed
	Skin: Avoid contact. Temporary whitening or bleaching of the
	skin may occur. Irritation and formation of blisters may also
	OCCUr.
	Inhaled: Exposure to high vapour concentration may cause
	irritation of nose and throat.
	Long term skin contact may cause dermatitis
Summaries data	Not available
Format	Not available
Sc	ection 12: Ecotoxicity Information
Potential Environmental	Eco-toxic to animals and marine life in large volume spills.
Interactions	Minimum risk in user packaged products and in normal retail
	delivery volumes
Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk	Not required
phrases	
	ction 13: Disposal Considerations
Disposal information	Use is expected to be complete from packaged product
	Must not be disposed of through untreated drains or storm
	water systems.
	Surplus contents may be rinsed to treated wastewater systems
	Bulk disposal must be in accordance with local authority
	guidelines and dispose of to lined landfill or approved
	incineration system or in accordance with normal commercial
Relevant information	disposal procedures
Relevant information	Do not reseal single use products
	ection 14: Transport Information
Relevant Information	Display UN Classes 6 and 9 in documentation
Relevant information	Comply with land transport maximum package quantise
	Packaging Group III
	Label outer packaging with UN Classes and product
	identification
Other requirements	Tagritinoation .
Tarior roganomonio	
S	ection 15: Regulatory Information
Regulatory Status	HSNO Regulations
	The HSNO Approval Number for the Cosmetic Group
	Standard is HSR002552
	Classes 6, 8 and 9 of control regulations
	• Regulations 11-27, 7, 10, 32-45, 50-51
	Identification Regulations

	 Regulations 6,7, 32-35,36(1)-(7) Regulations 8, 9, 25, 29-31,37-39, 40, 41, 46, 47-50, 51,52 Packaging Regulations Regulations 5,6,7(1),8, 9, 13, 17, 20 Schedule 3 Disposal Regulations Regulations 8, 9, 10, 11, 12, 13, 14 Emergency Management Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42 Tracking: 4(1), 5, 6 Approved Handlers: Not applicable
Symbols:	1 Not applicable
	Optional but recommended
Risk phrases:	R8 - Contact with combustible material may cause fire
·	R25 – Toxic if swallowed
	R36 – Irritating to eyes
	R37 - Irritating to respiratory system
	R38 – Irritating to skin
Oefeteedoe	Or combination risk phrases as appropriate
Safety phrases	S2 Keep out of reach of children
	S46 If swallowed, seek medical advice immediately and show container or label
	Container of label
	Section 16: Other Information
Additional Information	Solutions containing hydrogen peroxide and bleach powders
Additional information	may sometimes produce heat when applied to hair. This may be
	further enhanced by the presence of metallic impurities (ie
	aluminium as in glitter sprays or other forms)
	Should this occur, remove mixture from hair by rinsing at the
	basin!
	Do not mix with perm lotions

Appendix 2.27 – Hair Colour Restorer Material Safety Data Sheet for Product Use

Section '	1: Identification of the substanc	e/mixture	
Product Name:	Hair Colour Restorer		
Recommended Use	Hair Colour Restorer		
Product description	Cream/liquid		
	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantitie	es	
Company Details	Cosmetic Toiletry and Fragrance Asso	ociation Inc.	
Address	Private Bag 92-066, 159 Khyber Pass	Road Aucklan	d
Telephone Number	09-3670913		
Emergency Telephone Number	National Poison Information centre. P	hone 0800-764	766
Date of Preparation	31 March 2015		
	Section 2: Hazards Identification	n	
Required identification Details Section 3 Classification and type	Classification Category 6.1D Acutely Classification Category 9.1D Ecotoxic Risk statements R25 and R36 Or combination risk phrases as appro Safety statements S2 Or combination of safety phrases as a Swallow – Low toxicity by the oral routhe gastrointestinal tract. Eye: Splashes in the eye may cause is sensation and tears. Skin: No appreciable irritation of the such that Inhaled: No appreciable effect at mixed None required Composition/information on in Classes 6.1D, 6.4, and 9.1	to aquatic enverted appropriate te. May cause mmediate sting kin is expected ed concentration	ironment irritation of ging
Classification and type	Schedule 6 Minimum Degrees of Haz	ard – Interpreta	ation 2 J (ii)
Mixture	Ingredient	CAS No	% W/W
	Waxes (e.g. petrolatum, cetearyl	3, 13 110	35
	alcohol)		
	Oils (e.g. paraffinum liquidum)		20
	Humectants (e.g. sorbitol, glycerin)		10
	Emulsifying agents (e.g. ceteth-12, sorbitan sesquioleate)		10
	Sulfur		3
	Parfum		1
	Lead acetate		0.6

				calculated as lead
	Aqua			to 100
	Other ingredients de	etermined not to b	e hazardous	to 100
	Section 4: First	Aid Mossuro		
Description of necessary	Swallowed:	If swallowed do	not induce you	niting Give
first aide measures	Swanowed.	a glass of water		iitiiig. Give
	Eyes:	If in eyes, hold		d with
		water for at leas	t 15 minutes ar	nd see a
		Doctor if pain pe		
	Skin:	Wash affected a		
		contaminated cl	othing and was	h before
	Inhaled:	reuse Remove person	to froch air	
Workplace facilities	None required	Remove person	to nesnan.	
Required instructions	None required			
Notes for medical	Treat symptomatical	llv. If in eves. rech	neck after one v	veek.
personal		,		
	Section 5: Fire-Fig	ghting measur	'e	
Type of hazard	Will contribute to flame if exposed to extreme heat			
Fire hazard properties	If spilled or ruptured will increase the intensity of the fire.			
Extinguishing media &	In case of fire, water		pray, dry chemi	cal, CO ₂ or
methods	foam can be used to	•		
Recommended	Cool adjacent conta Not required	iners		
Protective Clothing	Not required			
1 Totodayo oldaning				
Section 6: Accidental Release Measure				
Procedures to be	Remove possible lea	•		
covered	Dilute small spills wi			
	For larger spills, dilu		absorb in inert	material
	(sand or vermiculate Dispose of in accord	•	agulatione	
	Dispose of in accord	iance with local re	egulations.	
	Section 7: Handlii	ng and Storag	е	
Subsection 1		<u> </u>		
Handling Practices	Normal handling pra	ictices		
Subsection 2				
Store site requirements	Store product uprigh	•	out of direct sur	nlight and
Packaging	away from food stuff General Packaging		NO D1 9 D2	
Packaging	General Fackaying	Nequirements no	DINUTIATO	
Section 8: Exposure Control/Personal Protection				
	-			
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)				

Workplace exposure standards	EXPOSURE LIMITS: CHEMICAL NAME: None required	NZOSH*
	*New Zealand workplace Ex	posure Standards
Application in the workplace	None required	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineeri		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	Keep away from direct h	neat or flame
No. Hazard indication	Hazard signage recomm	nended
	TOXIC	
Ventilation specification	Use in well ventilated ar	
Subsection 3: Personal		
Detail specifications for equipment	Protect eyes when using	g in quantity
Specific route of	Skin, Eyes and	
exposure	Inhalation	
	ACUTE EFFECTS:	
	Swallow:	Low toxicity by the oral route. May cause irritation of the gastrointestinal tract.
	Eye:	Contact may irritate eye
	Skin:	Prolonged and repeated skin contact should be avoided
	Inhaled:	Unlikely to provide inhalation vapours
	CHRONIC EFFECTS:	Prolonged or repeated skin contact may result in dermatitis.
General Hygiene	Wash or rinse any expo	
Section	n 9: Physical and Ch	nemical Properties
Specific Data for the	APPEARANCE:	•
product not the	Cream or liquid	
individual components	·	
Required Specifications	BOILING POINT: 35°C FLASH POINT: Not flammable VAPOUR PRESSURE: Not determined SPECIFIC GRAVITY: 0.82-0.93 g/ml	

	FLAMMABILITY LIMITS: Not flammable
	pH: Not Determined
	SOLUBILITY IN WATER: Minsible
Further specifications	Not applicable
Specific advice	Not applicable
•	•
S	ection 10: Stability and Reactivity
Stability of the	Product is stable
substance	
Conditions to Avoid	Not applicable
Material to avoid	None known
Hazardous	None known
decomposition Products	
Specific Data	None known
	· 44 T · 1 · 11 f
	ction 11: Toxicological Information
Data and interpretation	Swallow – Low toxicity by the oral route.
	Eye: Contact may irritate eye
	Skin: Prolonged and repeated skin contact should be avoided Inhaled: No adverse effects known
Summaries data	Prolonged or repeated skin contact may result in dermatitis. Not available
Format	Not available Not available
Format	Not available
Se	ection 12: Ecotoxicity Information
Potential Environmental	Eco-toxic to marine life in large volume spills. Minimum risk in
Interactions	consumer packaged products and in normal retail delivery
	volumes while in final form.
Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk	Not required
phrases	·
	ction 13: Disposal Considerations
Disposal information	Products likely to be used fully prior to disposal by consumers
	Bulk or surplus products:
	Must be disposed of in accordance with local regulations.
	Dispose of to lined landfill or approved incinerator or in
Deleventinfermentier	accordance with normal commercial disposal procedures
Relevant information	
	Section 14: Transport Information
Relevant Information	Label outer packaging with UN Classes and product
Coovant information	identification only
	Label risks toxic and eco-toxic may be displayed
Other requirements	and to the and doe to the may be displayed
Se	ection 15: Regulatory Information

Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group Standard is HSR002552 Classes 6, and 9 of control regulations
	 Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 – 70, 81, 83, 84,85
	 Identification Regulations Regulations 6,7,11, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 43, 47-50, 51,52
	Packaging Regulations Regulations 5,6,7(1),8, 9, 11, 13 Schedule 3
	Disposal Regulations
	• Regulations 6, 8, 9, 10, 11, 12, 13, 14
	Emergency Management
	• Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42
	Tracking:
	Not required
	Approved Handlers:
	Not applicable
	Transport Standard
	Not applicable
Symbols:	Ontional not required
Dick phrases:	Optional not required R25 – Toxic if swallowed
Risk phrases:	R25 – Toxic it swallowed R36 - Irritating to eyes
	Or combination risk phrases as appropriate
Safety phrases	S2 – Keep out of reach of children
	Section 16: Other Information
Additional Information	No additional information available

Appendix 2.28 – Dye Remover (Reducing Type) Material Safety Data Sheet for Product Use

Section '	1: Identification of the substanc	e/mixture	
Product Name:	Hair Dye Remover		
Recommended Use	Hair Dye removal		
Product description	Liquid		
	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantitie	es	
Company Details	Cosmetic Toiletry and Fragrance Asso		
Address	Private Bag 92-066, 159 Khyber Pass		nd
Telephone Number	09-3670913		
Emergency Telephone	National Poison Information centre. P	hone 0800-764	1766
Number			
Date of Preparation	31 March 2015		
,	Section 2: Hazards Identification	n	
Hazard Classification	Classification Category 6.1D – Mildly	toxic, 6.4 – Eye	e Irritant,
	Classification Category 9.1D Ecotoxic	to aquatic env	rironment
	Risk statements R25 and R36		
	Or combination risk phrases as appro	priate	
	Safety statements S2		
	Or combination of safety phrases as a	appropriate	
	Swallow – Low toxicity by oral route		
	Eye: Splashes in the eye may cause i	mmediate sting	ging
	sensation and tears.		
	Skin: May provide irritation to skin who	en unmixed an	d allowed
	to remain on skin for prolonged periods		
	Inhaled: No appreciable effect at mixe	ed concentratio	ns
Required identification	None required		
Details			
	: Composition/information on ir	ngredients	
Classification and type	Classes 6.1D, 6.4, and 9.1		
	Schedule 6 Minimum Degrees of Haz	ard – Interpreta	ation 2 J (ii)
Mixture	Ingredient	CAS No	% W/W
	PHASE 1 (pH 1.5 - 2)		
	Acid: citric acid		13
	Aqua		to 100
	PHASE 2 (pH 10 - 11)		
	Reducing agent (e.g. sodium		20
	hydroxymethane sulfonate)		to 100
	Aqua		to 100

	Phases 1 and 2 are n	nixed immediately		
	before use.	,		
	Other ingredients de	etermined not to b	e hazardous	to 100
	Section 4: First	Aid Measure		
Description of necessary	Swallowed:	If swallowed do		iting. Give
first aide measures		a glass of water		
	Eyes:	If in eyes, hold of		
		water for at leas	t 15 minutes an	d see a
		Doctor if pain pe		
	Skin:	Wash affected a		
		contaminated cl	othing and was	n before
		reuse		
	Inhaled:	Remove person	to fresh air.	
Workplace facilities	None required	1		
Required instructions				
Notes for medical	Treat symptomatical	lly. If in eyes, rech	neck after one w	reek.
personal				
•	Section 5: Fire-Fig	ghting measur	e	
Type of hazard	Will contribute to flar	me if exposed to	extreme heat	
Fire hazard properties	If spilled or ruptured will increase the intensity of the fire.			
Extinguishing media &	In case of fire, water fog, fine water spray, dry chemical, CO ₂ or			
methods	foam can be used to	extinguish.		
	Cool adjacent conta	iners		
Recommended	Not required			
Protective Clothing				
	tion 6: Accidenta	l Release Mea	sure	
Procedures to be	Remove possible lea			
covered	Dilute small spills wi			
	For larger spills, dilu		absorb in inert	material
	(sand or vermiculate			
	Dispose of in accord	lance with local re	egulations.	
	Section 7: Handlii	ng and Storag	е	
Subsection 1				
Handling Practices	Normal handling pra	octices		
Subsection 2	T = .			
Store site requirements	Store product uprigh	•	out of direct sun	light and
<u> </u>	away from food stuff			
Packaging	General Packaging	Requirements HS	SNO P1 & P3	
Section 8: Exposure Control/Personal Protection				
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)				

Workplace exposure standards	EXPOSURE LIMITS: CHEMICAL NAME: None required *New Zealand workplace Ex	NZOSH* posure Standards
Application in the workplace	None required	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineeri		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	Keep away from direct I	
No. Hazard indication	Hazard signage recomm	nended
	тохис	
Ventilation specification	Use in well ventilated ar	eas
Subsection 3: Personal		
Detail specifications for equipment	Protect eyes when using	g in quantity
Specific route of	Skin, Eyes and	
exposure	Inhalation	
	ACUTE EFFECTS:	
	Swallow:	Low toxicity by the oral route. May cause irritation of the gastrointestinal tract.
	Eye:	Contact may irritate eye
	Skin:	Prolonged and repeated skin contact should be avoided
	Inhaled:	Unlikely to provide inhalation vapours
	CHRONIC EFFECTS:	Prolonged or repeated skin contact
Conoral Hygiens	Moch or rings and access	may result in dermatitis.
General Hygiene	Wash or rinse any expo	SUIC HUIH SKIII.
Sectio	n 9: Physical and Ch	nemical Properties
Specific Data for the	APPEARANCE:	-
product not the	Cream or liquid	
individual components		
Required Specifications	BOILING POINT: Not di FLASH POINT: Not flar	nmable
	VAPOUR PRESSURE: SPECIFIC GRAVITY: N	

	FLAMMABILITY LIMITS: Not flammable
	pH: Phase 1 1.5 – 2 and Phase 2 10 - 11
	SOLUBILITY IN WATER: Fully soluble in water
Further specifications	Not applicable
Specific advice	Not applicable
S	ection 10: Stability and Reactivity
Stability of the	Product is stable
substance	
Conditions to Avoid	Not applicable
Material to avoid	None known
Hazardous	None known
decomposition Products	
Specific Data	None known
	ction 11: Toxicological Information
Data and interpretation	Swallow – Low toxicity by the oral route.
	Eye: Contact may irritate eye
	Skin: Prolonged and repeated skin contact should be avoided
	Inhaled: No adverse effects known
Cura ma a mi a a data	Prolonged or repeated skin contact may result in dermatitis.
Summaries data	Not available
Format	Not available
9,	ection 12: Ecotoxicity Information
Potential Environmental	Eco-toxic to marine life in large volume spills. Minimum risk in
Interactions	consumer packaged products and in normal retail delivery
Interdetions	volumes while in final form.
Data Organisation	All classes of aquatic organisms Classes 9.1D
Environmental risk	Not required
phrases	
	ction 13: Disposal Considerations
Disposal information	Products likely to be used fully prior to disposal by consumers
	Bulk or surplus products:
	Must be disposed of in accordance with local regulations.
	Dispose of to lined landfill or approved incinerator or in
Delevent information	accordance with normal commercial disposal procedures
Relevant information	
S	Section 14: Transport Information
Relevant Information	Label outer packaging with UN Classes and product
	identification only
	Label risks toxic and eco-toxic may be displayed
Other requirements	
Section 15: Regulatory Information	

Regulatory Status	HSNO Regulations
	The HSNO Approval Number for the Cosmetic Group
	Standard is HSR002552 Classes 6, and 9 of control regulations
	• Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58,
	59, 60 – 70, 81, 83, 84,85
	Identification Regulations
	 Regulations 6,7,11, 32-35,36(1)-(7)
	• Regulations 25, 29-31,37-39, 43, 47-50, 51,52
	Packaging Regulations
	• Regulations 5,6,7(1),8, 9, 11, 13
	Schedule 3 Diamage I Barrelations
	Disposal Regulations
	• Regulations 6, 8, 9, 10, 11, 12, 13, 14 Emergency Management
	• Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-
	29, 25-34, 35-41, 42
	Tracking:
	Not required
	Approved Handlers:
	Not applicable
	Transport Standard
Cymholo	Not applicable
Symbols:	Optional not required
Risk phrases:	R36 - Irritating to eyes
1 don priidood.	Or combination risk phrases as appropriate
Safety phrases	S2 – Keep out of reach of children
• .	
	Section 16: Other Information
Additional Information	No additional information available

Appendix 2.29 - Hair Bleach Powders & Bleaching Solutions

Material Safety Data Sheet for Product Use

Section '	1: Identification of the substanc	e/mixture	
Product Name:	Hair Bleach		
Recommended Use	Mixed with solutions containing hydrogen peroxide to		
	bleach/lighten the colour of hair		
Product description	Fine to granular powder and mixing se	olution	
	Cosmetic Preparation		
	Concentration in use 100%		
	Packaged in small consumer quantitie		
Company Details	Cosmetic Toiletry and Fragrance Ass	ociation Inc.	
Address	Private Bag 92-066, 159 Khyber Pass	Road Auckland	b
Telephone Number	09-3670913		
Emergency Telephone Number	National Poison Information centre. P	hone 0800-764	766
Date of Preparation	31 March 2015		
·			
	Section 2: Hazards Identification	n	
Hazard Classification	Classification Category 6.1D Acutely Toxic, 6.4 – Eye Irritant,		rritant,
	6.5 – Skin sensitizer		
	Classification Category 9.1D Ecotoxic	to aquatic envi	ronment
	Risk statements R25 and R36		
	Or combination risk phrases as appropriate		
	Safety statements S2		
	Or combination of safety phrases as appropriate		
	Swallow – Harmful if swallowed can cause irritation of the gastrointestinal tract. Depression of the central nervous system may result in headaches and dizziness Eye: Irritating to eyes		
	Skin: Irritating to skin. May cause sensitisation by skin contact. Inhaled: Irritating to the respiratory system. May cause sensitisation by inhalation. Chronic Effects: May cause allergic dermatitis. Prolonged or		
			nged or
Required identification	repeated inhalation may cause sensit None	เอสแบท.	
Details	INUITE		
Details			
	: Composition/information on in	ngredients	
Classification and type	Classes 3.1, 6.1D, 6.4, 6.5, and 9.1		
	Schedule 6 Minimum Degrees of Haz	ard – Interpreta	tion 2 J (ii)
Mixture	Ingredient	CAS No	% W/W
	POWDER (mixed with aqua for use		1

alone or as activator for lotions)		
Ammonium / sodium / potassium		70
persulfates		50
Fillers (e.g. sodium / magnesium		50
silicates, sodium carbonate)		45
Humectants (e.g. sodium lauryl sulfate)		15
pH adjusters (e.g. sodium metasilicate)		15 *
Ammonium hydroxide liberators		12
(e.g. ammonium chloride, diammonium phosphate)		
		_
Viscosity controlling agents (e.g. guar gum)		5
Additional ingredients (e.g. cosmetic		_
` `		5
colorants, chelating agents) * pH adjuster qs 10 < pH < 11 at 1 %		
powder in water		
powder iii water		
HAIR BLEACHING SOLUTION		
NB: solutions A and B are mixed		
immediately prior to use Solution A		
Hydrogen peroxide		12
Surfactants, emulsifying agents (e.g.		10
ethoxylated fatty alcohols)		10
Humectants (e.g. <i>glycerin</i>)		5
Chelating agents (e.g. tetrasodium		0.5
pyrophosphate)		0.0
Hydrogen peroxide stabilising agents		0.5
(e.g. sodium stannate)		0.0
pH adjusters (e.g. <i>phosphoric acid</i>)		qs pH 2 –
pri adjustoro (e.g. priesprierio adia)		3
Aqua		to 100
Solution B		
Anionic / non-ionic surfactants		60
(e.g. ammonium laureth sulfate,		
laureth-12)		
Emulsifying agents (e.g. fatty alcohols)		30
Soaps (e.g. ammonium oleate)		30
Ethanol and/or isopropanol (alcohol,		20
alcohol denat., isopropyl alcohol)		
Solvents (e.g. propylene glycol)		20
Ammonium hydroxide		3.5
Parfum		1
Additional ingredients (e.g. cosmetic		5
colorants, chelating agents, hair		
conditioning agents)		
Aqua		to 100
pH value solution B: 8 - 10		
pH value of the different mixtures: 9.5 -		
11.5		
Other ingredients determined not to be	hazardous	to 100

Section 4: First Aid Measure				
Description of necessary first aide measures	Swallowed:	If swallowed do not induce vo a glass of water. Contact a do National Poison Information (Phone 0800-764766	octor or the	
	Eyes:	If in eyes, hold eyes open, flowater for at least 15 minutes Doctor.	and see a	
	Skin:	Removed contaminated cloth wash skin thoroughly with wa	•	
	Inhaled:	Remove person to fresh air a Doctor	ind see a	
Workplace facilities	None required			
Required instructions	'			
Notes for medical personal	Treat symptomatical	ly. If in eyes, recheck after one	e week.	
	│ Section 5: Fire-Fig	hting massura		
Type of hazard		en mixed with peroxide can sta	art a fire if	
	spilled on combustib	le materials, eg Paper, wood,	cardboard	
Fire hazard properties	When heated product can release oxygen. This can cause other materials to burn. On decomposition can release fumes			
		•		
Extinguishing media &	or ammonia, sulfates and oxides of nitrogen and potassium. In case of fire, water fog, fine water spray, dry chemical, CO ₂ or			
methods	foam can be used to extinguish.			
Recommended	Respirators and eye protection is required			
Protective Clothing				
Sec	l tion 6: Accidental	Release Measure		
Procedures to be	1	Collect into clean plastic conta	iners and	
covered	dispose of in accordance with local regulations. Wipe area with wet mop/cloth			
	Section 7: Handlir	ig and Storage		
Subsection 1	Handle with some			
Handling Practices Subsection 2	Handle with care			
Store site requirements	Store product in coo	I dry place away from heat and	1 direct	
Store site requirements	•	from corrosive, combustible a		
	flammable products.			
Packaging	General Packaging Requirements HSNO P1 & P3			
Section	 R: Exposure Conti	rol/Personal Protection		
		es (may also be in section 2)	
Workplace exposure	EXPOSURE LIMITS		<i>!</i>	
standards	CHEMICAL NAME:			
	Amorphous fumed s	ilica (respirable dust)	2mg/M3	

	Persulphate (ACGIH TI	_V standard) 5mg/M3	
	*New Zealand workplace Ex	posure Standards	
Application in the workplace	Use PPE		
Exposure Standards outside the workplace	Not applicable		
Subsection 2: Engineer	ing Controls		
Hierarchy of controls	Ventilation		
measures	PPE		
Exposure control	Highly flammable. Keep away from heat, flame or ignition		
measures	source		
No. Hazard indication	Signage recommended	Signage recommended	
	TOXIC		
Ventilation specification	Use in well ventilated ar		
	Subsection 3: Personal Protective Equipment (PPE)		
Detail specifications for equipment	handling this product or hydrogen peroxide. Disp	ber or plastic) must be worn when its mixtures with solutions containing posable gloves must not be latex ust be worn to avoid product or dust	
Specific route of exposure	Skin, Eyes and Inhalation		
·	ACUTE EFFECTS: Swallow:	Harmful if swallowed can cause irritation of the gastrointestinal tract. Depression of the central nervous system may result in headaches and dizziness	
	Eye:	Irritating to eyes	
	Skin:	Irritating to skin. May cause	
		sensitisation by skin contact.	
	Inhaled:	Inhaled: Irritating to the respiratory system. May cause sensitisation by inhalation.	
	CHRONIC EFFECTS:	May cause allergic dermatitis. Prolonged or repeated inhalation may cause sensitisation.	
General Hygiene	Wash or rinse any expo	sure from skin.	
Section 9: Physical and Chemical Properties			

Specific Data for the	APPEARANCE:		
product not the	Fine to granular powder		
individual components	This to grantalar portaon		
Required Specifications	BOILING POINT: Not applicable		
	FLASH POINT: Not applicable		
	VAPOUR PRESSURE: Not determined		
	SPECIFIC GRAVITY: Not determined		
	FLAMMABILITY LIMITS: Not determined		
	pH: 9.0 -10.0 (when mixed)		
	SOLUBILITY IN WATER: Miscible with water		
Further specifications	Not applicable		
Specific advice	Not applicable		
	ection 10: Stability and Reactivity		
Stability of the substance	Product is stable		
Conditions to Avoid	Not applicable		
Material to avoid	Combustible materials, paper, wood cardboard when mixed with peroxide		
Hazardous	On decomposition can release fumes or ammonia, sulfates and		
decomposition Products	oxides of nitrogen and potassium.		
Specific Data	None known		
	tion 11: Toxicological Information		
Data and interpretation	Swallow – Harmful if swallowed can cause irritation of the		
	gastrointestinal tract. Depression of the central nervous system		
	may result in headaches and dizziness		
	Eye: Irritating to eyes		
	Skin: Irritating to skin. May cause sensitisation by skin contact.		
	Inhaled: Irritating to the respiratory system. May cause		
	sensitisation by inhalation.		
	Chronic Effects: May cause allergic dermatitis. Prolonged or repeated inhalation may cause sensitisation.		
Summaries data	Not available		
Format	Not available		
- Simat	Trot available		
Sc	ection 12: Ecotoxicity Information		
Potential Environmental	Eco-toxic to marine life in large volume spills. Minimum risk in		
Interactions	user packaged products and in normal retail delivery volumes		
	while in final form.		
Data Organisation	All classes of aquatic organisations Classes 9.1D		
Environmental risk	Not required		
phrases			
	Section 13: Disposal Considerations		
Disposal information	Products likely to be used fully prior to disposal by users.		
	Bulk or surplus products:		

	Tarana and a same and a same and a same		
	Must be disposed of in accordance with local regulations to a lined landfill or in accordance with normal commercial procedures		
Relevant information			
8	Section 14: Transport Information		
Relevant Information	Display UN Classes 6 and 9 in documentation		
	Comply with land transport maximum package quantities		
	Packaging Group III		
	Label outer packaging with UN Classes and product		
	identification only		
	Label risks toxic and eco-toxic may be displayed		
Other requirements			
S	ection 15: Regulatory Information		
Regulatory Status	HSNO Regulations		
	The HSNO Approval Number for the Cosmetic Group		
	Standard is HSR002552		
	Classes 6, and 9 of control regulations		
	 Regulations 11-27, 7, 8, 10, 32-45, 50-51,55 		
	Identification Regulations		
	• Regulations 6,7, 32-35,36(1)-(7)		
	• Regulations 25, 29-31,37-39, 47-50, 51,52		
	Packaging Regulations		
	• Regulations 5,6,7(1),8, 9		
	• Schedule 3		
	Disposal Regulations		
	• Regulations 8, 9, 10, 11, 12, 13, 14		
	Emergency Management		
	• Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20,		
	25-34, 35-41, 42		
	Tracking:		
	 Not applicable 		
	Approved Handlers:		
	Not applicable		
Symbols:			
	Optional not required		
Risk phrases:	R25 – Toxic if swallowed		
	R36 - Irritating to eyes R37 - Irritating to respiratory system		
	Or combination risk phrases as appropriate		
Safety phrases	S2 Keep out of reach of children		

	Section 16: Othe	er Information	
Additional Information	Mixtures of bleach powders and solutions containing hydrogen peroxide (6,9 and 12% may produce heat when applied to hair. This may be further enhanced by the presence of metallic impurities (ie aluminium as in glitter sprays or other forms). Should a reaction occur, remove mixture from the hair by rinsing at the basin! Do not mix with perm lotions. Skin sensitivity test: follow manufacturers instructions Other ingredients determined not to be hazardous to 100		
	Section 4: First	Aid Measure	
Description of necessary first aide measures	Swallowed: Eyes:	If swallowed do not induce vomiting. Give a glass of water. Seek medical attention or phone the National Poison Information centre. Phone 0800-764766 If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists.	
	Skin:	Wash affected area with water.	
	Inhaled:	Not applicable	
Workplace facilities	No applicable		
Required instructions	None		
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.		
	 Section 5: Fire-Fig	ihtina measure	
Type of hazard	Not Flammable	Jiming measure	
Fire hazard properties	None known		
Extinguishing media & methods	The material is not flammable. In case of fire water, water fog, dry chemical, CO ₂ or foam can be used.		
Recommended Protective Clothing	Self contained breathing apparatus		
0	l Han C. Aaaldaat-	Deleges Magazina	
	1	Release Measure	
Procedures to be covered	Spills may are slippery. Dilute and mop up minor spills Contain and absorb larger spills in inert materials (sand or vermiculate) Dispose of in accordance with local regulations		
	Dootlor 7:11 "	an and Otanasa	
	Section 7: Handlir	ng and Storage	
Subsection 1	I		
Handling Practices	No special handling	requirements	
Subsection 2			
Store site requirements	Store product in a co stuffs.	ool place out of sun and away from food	

Packaging	General Packaging Requirements HSNO P1 & P3 Packaging is able to handle drop of 0.5m without leakage Packaging will not react with mixture or ingredients		
Section	⊥ 8: Exposure Control/	Personal Protection	
	•	(may also be in section 2)	
Workplace exposure	EXPOSURE LIMITS:	NZOSH*	
standards	None		
	*New Zealand workplace Ex	posure Standards	
Application in the			
workplace	N. C. P. L.		
Exposure Standards	Not applicable		
outside the workplace Subsection 2: Engineeri	ing Controls		
Hierarchy of controls	None required		
measures	•		
Exposure control measures	None required		
No Hazard indication	No Hazard indication is	required	
Ventilation specification	None required		
Subsection 3: Personal	Protective Equipment (I	PPE)	
Detail specifications for equipment	None required		
Specific route of	ACUTE EFFECTS:		
exposure	Swallow:	Oral ingestion may result in mild	
		gastrointestinal irritation with nausea,	
	Evo:	vomiting or diarrhoea. Mild eye irritant. Instillation into the	
	Eye:	eyes may result in transient superficial	
		effects similar to those produced by	
		other mild soaps.	
	Skin:	Skin: Not an irritant.	
	Inhaled:	No risk by this route.	
	CHRONIC EFFECTS:	Some chronic skin conditions may be	
Canaral Hygiana	Mach or rings any ayna	aggravated by use	
General Hygiene	Wash or rinse any expo	Sure Horri Skiri.	
Castia	n Or Dhygiaal and Ch	omical Droportics	
	n 9: Physical and Ch APPEARANCE:	Cream	
Specific Data for the product not the	BOILING POINT:	Not available	
individual components	FLASH POINT:	Not available	
	VAPOUR PRESSURE:	Not Determined	
	SPECIFIC GRAVITY:	Not determined	
	FLAMMABILITY LIMIT	• •	
	pH:	4.5 - 7.5	
Deguined Cressifications	SOLUBILITY IN WATE	R: Soluble	
Required Specifications	Not applicable		

Further specifications	Not applicable	
Specific advice	Not applicable	
	ection 10: Stability and Reactivity	
Stability of the	Product is stable	
substance		
Conditions to Avoid	Not applicable	
Material to avoid	Not applicable	
Hazardous	None known	
decomposition Products	None known	
Specific Data	Notice known	
Sec	ction 11: Toxicological Information	
Data and interpretation	Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Irritant to the eye.	
Summaries data	Not available	
Format	Not available Not available	
Tomat	Trocavanasio	
Sc	ection 12: Ecotoxicity Information	
Potential Environmental Interactions	Bio degradable and unlikely to incur environmental harm in normal usage. Intended for use in normal wastewater systems on use.	
Data Organisation		
Environmental risk phrases	Not required	
Se	ction 13: Disposal Considerations	
Disposal information	Dispose large volumes to lined landfill or approved incineration	
Disposal information	system according to local regulations and according to normal commercial disposal procedures	
Relevant information		
	Soction 14: Transport Information	
Relevant Information	Section 14: Transport Information	
Other requirements	None required	
Other requirements		
Section 15: Regulatory Information		
Regulatory Status	HSNO Regulations	
regulatory status	The HSNO Approval Number for the Cosmetic Group Standard is HSR002552	
	Classes 6, and 9 of control regulations • Regulations 11-27, 7, 10, 32-45, 50-51	
	Identification Regulations	
	 Regulations 6,7,32-35,36(1)-(7) 	
	 Regulations 25, 29-31,37-39,47-50, 51,52 	

	Packaging Regulations	
	 Regulations 5,6,7(1),8, 9 	
	Schedule 3	
	Disposal Regulations	
	• Regulations 8, 9, 10, 11, 12, 13, 14	
	Emergency Management	
	 Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42 	
	Tracking:	
	Not applicable	
	Approved Handlers:	
	Not applicable	
Symbols	None required	
Risk Phrases	R22 – Harmful if swallowed	
	R36 – Irritating to eyes	
Safety Phrases	S2 – Keep out of the reach of children	
Section 16: Other Information		
Additional Information	None applicable	