



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:	Shampoo		
Recommended Use	Personal hair cleaning		
Product description	Viscous liquid or cream 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 6.4 Irritant to Eyes Classification Category 9.1D Ecotoxic to aquatic environment Risk statements: R36 and R53 (in bulk quantities only) Safety statements: S25 and S61 (in bulk quantities only) Eyes: Splashes in the eye may cause stinging sensation and tears. Transient reddening of the eye may also occur 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 Details	None required		
Section 3: Composition/information on ingredients			
Classification and type	HSNO Class 6.4 and 9.1D		
Mixture	Ingredient	CAS No	% W/W
	Anionic surfactants (e.g. sodium/ammonium/TEA lauryl sulfates, sodium/ammonium/TEA laureth sulfates)		<30
	Amphoteric surfactants (e.g. betaine derivatives)		<20
	Non-ionic surfactants (e.g. fatty alkanolamides)		<15
	Viscosity controlling agents (e.g. propylene glycol, PEG)		<10
	Cationic surfactants $\geq C_{12}$ (e.g. stearamidopropyl dimethylamine, distearyldimonium chloride)		<5

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	Hair conditioning agents (e.g. silicone derivatives, cysteine derivatives, cellulose derivatives, fatty acid esters) <i>each up to</i> Additional ingredients (e.g. UV filters, pearlescent agents, opacifying agents) <i>each up to</i> Preservatives, antimicrobials Chelating agents (e.g. <i>disodium EDTA</i>) <i>Aqua</i>		<5 <5 <1 <0.5 to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	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. Wash affected area with water. Remove from further exposure	
Workplace facilities	Availability of water 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-Fighting measure			
Type of hazard	Not Flammable		
Fire hazard properties	Not applicable		
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	Spills are slippery. Remove possible leaking containers. Mop up small spills. For larger spills absorb in inert material (sand or vermiculate). Dispose of in accordance with local regulations		
Section 7: Handling and Storage			
Subsection 1			
Handling Practices	Skin: Eyes:	Gloves (vinyl, rubber or plastic) are recommended 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.	

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	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	No special requirements but should be leak proof and capable of withstanding a drop of .5 meters without breakage Ingredients should not react with packaging material	
Section 8: Exposure Control/Personal Protection		
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace		
Exposure Standards outside the workplace	Not applicable	
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: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.	
Specific route of exposure	ACUTE EFFECTS: Swallow: 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 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.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the	APPEARANCE: BOILING POINT:	Viscous liquid Approx. 100°C

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individual components	FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: SOLUBILITY IN WATER:	Not flammable Not Determined 1.0 - 1.10 g/mL Not Applicable 4.5 - 7.5 Completely soluble
Required Specifications	Not applicable	
Further specifications	Not applicable	
Specific advice	Not applicable	
Section 10: Stability and Reactivity		
Stability of the substance	Product is stable	
Conditions to Avoid	Not applicable	
Material to avoid	Not applicable	
Hazardous decomposition Products	None known	
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	
Section 12: Ecotoxicity Information		
Potential Environmental Interactions	Bio degradable and unlikely to incur environmental harm in normal dilution and usage.	
Data Organisation		
Environmental risk phrases	Not required	
Section 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		
Section 15: Regulatory Information		
Regulatory Status	HSNO Regulations	

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	<p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6,7,32-35,36(1)-(7) Regulations 25, 29-31,37-39,47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9 Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> 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 2.2 – 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 cake 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 6.4 Irritant to Eyes Classification Category 9.1D Ecotoxic to aquatic environment Risk statements: R36 and R53 (in bulk quantities only) Safety statements: S25 and S61 (in bulk quantities only) Eyes: Splashes in the eye may cause stinging sensation and tears. Transient reddening of the eye may also occur 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 Details	None required		
Section 3: Composition/information on ingredients			
Classification and type	HSNO Class 6.4 and 9.1D		
Mixture	Ingredient	CAS No	% W/W
	Vegetable soap base (e.g. mixed sodium/potassium stearates and sodium/potassium laurates)		<70
	Ethanol (<i>alcohol, alcohol denat.</i>)		<30
	Plant extracts		<10
	Essential oils		<1
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aid measures	Swallowed:	If swallowed do not induce vomiting. Give a glass of water. Seek medical attention or phone the National Poison Information centre. Phone 0800-764766	

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	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 symptomatically. If in eyes, recheck after one week.	
Section 5: Fire-Fighting measure		
Type of hazard	Not Flammable	
Fire hazard properties	Not applicable	
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	Spills are slippery. Remove possible leaking containers. Mop up small spills. For larger spills absorb in inert material (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) 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. 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	No special requirements but should be leak proof and capable of withstanding a drop of .5 meters without breakage Ingredients should not react with packaging material	
Section 8: Exposure Control/Personal Protection		
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* *New Zealand workplace Exposure Standards	
Application in the workplace		
Exposure Standards outside the workplace	Not applicable	

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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: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.	
Specific route of exposure	ACUTE EFFECTS: Swallow: 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 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.	
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: SOLUBILITY IN WATER:	Viscous liquid Approx. 100°C Not flammable Not Determined 1.0 - 1.10 g/mL Not Applicable 4.5 - 7.5 Completely soluble
Required Specifications	Not applicable	
Further specifications	Not applicable	
Specific advice	Not applicable	
Section 10: Stability and Reactivity		
Stability of the substance	Product is stable	
Conditions to Avoid	Not applicable	
Material to avoid	Not applicable	
Hazardous	None known	

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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
Section 12: Ecotoxicity Information	
Potential Environmental Interactions	Bio degradable and unlikely to incur significant environmental harm in normal dilution and usage.
Data Organisation	
Environmental risk phrases	Not required
Section 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	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, and 9 of control regulations</p> <ul style="list-style-type: none"> • Regulations 11-27, 7, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> • Regulations 6,7,32-35,36(1)-(7) • Regulations 25, 29-31,37-39,47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> • Regulations 5,6,7(1),8, 9 • Schedule 3 & 4 <p>Disposal Regulations</p> <ul style="list-style-type: none"> • Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> • Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42 <p>Tracking:</p>

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	<ul style="list-style-type: none">• Not applicable Approved Handlers: <ul style="list-style-type: none">• 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:	Shampoo/Conditioner		
Recommended Use	Personal hair cleaning and conditioning agent		
Product description	Viscous 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 6.4 Irritant to Eyes Classification Category 9.1D Ecotoxic to aquatic environment Risk statements: R36 and R53 (in bulk quantities only) Safety statements: S25 and S61 (in bulk quantities only) Eyes: Splashes in the eye may cause stinging sensation and tears. Transient reddening of the eye may also occur 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 Details	None required		
Section 3: Composition/information on ingredients			
Classification and type	HSNO Class 6.4 and 9.1D		
Mixture	Ingredient	CAS No	% W/W
	Anionic surfactants (e.g. <i>sodium laureth sulfate</i>)		<20
	Non-ionic surfactants (e.g. <i>sodium dodecylbenzenesulfonate</i>)		<20
	Amphoteric surfactants (e.g. betaine derivatives)		<20
	Viscosity controlling agents (e.g. fatty alcohols, <i>stearyl alcohol</i>)		<10
	Oils, waxes (e.g. mineral oil)		<10
	Silicones (e.g. <i>cyclomethicone</i>)		<10
	Cationic surfactants $\geq C_{12}$ (e.g. <i>distearyldimonium chloride</i>)		<5
	Cationic polymers (e.g.		<5

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	<i>polyquaternium-11</i> Humectants, emollients (e.g. <i>glycerin</i>) Additional ingredients (e.g. UV filters, pearlescent agents) Preservatives, antimicrobials Cosmetic colorants Chelating agents <i>Parfum</i> <i>Aqua</i>		<5 <5 <1 <1 <0.5 <0.5 < to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	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. Wash affected area with water. Remove from further exposure	
Workplace facilities	Availability of water 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-Fighting measure			
Type of hazard	Not Flammable		
Fire hazard properties	Not applicable		
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	Spills are slippery. Remove possible leaking containers. Mop up small spills. For larger spills absorb in inert material (sand or vermiculate). Dispose of in accordance with local regulations		
Section 7: Handling and Storage			
Subsection 1			
Handling Practices	Skin: Eyes: Flammability:	Gloves (vinyl, rubber or plastic) are recommended 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	

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Subsection 2		
Store site requirements	Store product in a cool place out of sun and away from food stuffs.	
Packaging	No special requirements but should be leak proof and capable of withstanding a drop of .5 meters without breakage Ingredients should not react with packaging material	
Section 8: Exposure Control/Personal Protection		
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace		
Exposure Standards outside the workplace	Not applicable	
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: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.	
Specific route of exposure	ACUTE EFFECTS: Swallow: 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 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.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: BOILING POINT: FLASH POINT:	Viscous liquid Approx. 100°C Not flammable

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	VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: SOLUBILITY IN WATER:	Not Determined 1.0 - 1.10 g/mL Not Applicable 4.5 - 7.5 Completely soluble
Required Specifications	Not applicable	
Further specifications	Not applicable	
Specific advice	Not applicable	
Section 10: Stability and Reactivity		
Stability of the substance	Product is stable	
Conditions to Avoid	Not applicable	
Material to avoid	Not applicable	
Hazardous decomposition Products	None known	
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	
Section 12: Ecotoxicity Information		
Potential Environmental Interactions	Bio degradable and unlikely to incur environmental harm in normal dilution and usage. Minor risk with bulk exposure	
Data Organisation		
Environmental risk phrases	Not required	
Section 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		
Section 15: Regulatory Information		
Regulatory Status	HSNO Regulations The HSNO Approval Number for the Cosmetic Group	

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	<p>Standard is HSR002552</p> <p>Classes 6, and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6,7,32-35,36(1)-(7) Regulations 25, 29-31,37-39,47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9 Schedule 3 & 4 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> 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 Sheet for Product Use

Section 1: Identification of the substance/mixture			
Product Name:	Conditioner		
Recommended Use	To condition and beautify hair after cleansing		
Product description	Viscous 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 6.4 Irritant to Eyes Classification Category 9.1D Ecotoxic to aquatic environment in large volumes Risk statements: R36 and R53 (in bulk quantities only) Safety statements: S25 and S61 (in bulk quantities only) Eyes: Splashes in the eye may cause stinging sensation and 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 Details	None required		
Section 3: Composition/information on ingredients			
Classification and type	HSNO Class 6.4 and 9.1D		
Mixture	Ingredient	CAS No	% W/W
	Oils, waxes (mineral and vegetable), silicones and fatty alcohols (e.g. <i>petrolatum</i> , <i>triticum vulgare</i> , <i>amodimethicone</i> , <i>cetearyl alcohol</i>)		<20
	Ethanol (<i>alcohol</i> , <i>alcohol denat.</i>)		<15
	Emulsifying agents (e.g. <i>ceteth-30</i> , <i>cetyl alcohol</i>)		<10
	Amphoteric surfactants (e.g. betaines derivatives)		<10
	Additional ingredients (e.g. proteins, chelating agents, pearlescent agents)		<10
	Cationic surfactants $\geq C_{12}$ (e.g. <i>cetrimonium chloride</i>)		<5
	Emollients, humectants (e.g. <i>glycerin</i> ,		

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	<i>propylene glycol)</i> Viscosity controlling agents (e.g. <i>carbomer, hydroxyethylcellulose</i>) Polymers, resins (e.g. <i>polyquaternium-10, polyquaternium-11, butyl ester of PVM/MA copolymer</i>) <i>Parfum</i> UV filters Preservatives, antimicrobials Cosmetic colorants <i>Aqua</i>		<5 <5 <5 <3 <1 <1 <1 to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Seek medical attention If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists. Remove contaminated clothing and wash affected area with water. Remove from further exposure	
Workplace facilities	Availability of water 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-Fighting measure			
Type of hazard	Not Flammable		
Fire hazard properties	Not applicable		
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	Spills are slippery. Remove possible leaking containers. Mop up small spills. For larger spills absorb in inert material (sand or vermiculate). Dispose of in accordance with local regulations		
Section 7: Handling and Storage			
Subsection 1			
Handling Practices	Skin: Eyes:	Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex Eye protection should be worn (safety glasses) to	

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	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	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	EXPOSURE LIMITS: NZOSH* Not applicable <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	Not applicable	
Exposure Standards outside the workplace	Not applicable	
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: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.	
Specific route of exposure	ACUTE EFFECTS: Swallow: 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
General Hygiene	Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated.	
Section 9: Physical and Chemical Properties		

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Specific Data for the product not the individual components	APPEARANCE: BOILING POINT: FLASH POINT: VAPOUR PRESSURE: SPECIFIC GRAVITY: FLAMMABILITY LIMITS: pH: SOLUBILITY IN WATER:	Viscous liquid Approx. 100°C Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5 Miscible
Required Specifications	Not applicable	
Further specifications	Not applicable	
Specific advice	Not applicable	
Section 10: Stability and Reactivity		
Stability of the substance	Product is stable	
Conditions to Avoid	Not applicable	
Material to avoid	Not applicable	
Hazardous decomposition Products	None known	
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	
Section 12: Ecotoxicity Information		
Potential Environmental Interactions	Bio degradable and unlikely to incur environmental harm in normal dilution and usage. Minor risk in bulk quantities	
Data Organisation		
Environmental risk phrases	Not required	
Section 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 normal commercial procedures	
Relevant information		
Section 14: Transport Information		
Relevant Information	None required	
Other requirements		
Section 15: Regulatory Information		

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Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6,7,32-35,36(1)-(7) Regulations 25, 29-31,37-39,47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9 Schedule 3 & 4 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> 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 2.5 – Conditioners (Silicone Based)

Material Safety Data Sheet for Product Use

Section 1: Identification of the substance/mixture			
Product Name:	Conditioner		
Recommended Use	To condition and beautify hair after cleansing		
Product description	Viscous 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 6.4 Irritant to Eyes Classification Category 9.1D Ecotoxic to aquatic environment in large volumes Risk statements: R36 and R53 (in bulk quantities only) Safety statements: S25 and S61 (in bulk quantities only) Eyes: Splashes in the eye may cause stinging sensation and 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 Details	None required		
Section 3: Composition/information on ingredients			
Classification and type	HSNO Class 6.4 and 9.1D		
Mixture	Ingredient	CAS No	% W/W
	Silicones and volatile silicones (e.g. <i>cyclomethicone</i>)		<99
	Additional ingredients (e.g. UV filters, polymers)		<10
	Emulsifying agents (e.g. ethoxylated fatty alcohols)		<6
	Ethanol (<i>alcohol</i> , <i>alcohol denat.</i>)		<5
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aid measures	Swallowed:	If swallowed do not induce vomiting. Give a glass of water. Seek medical attention	
	Eyes:	If in eyes, hold eyes open, flood with	

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	Skin: Inhaled:	water for at least 15 minutes and see a Doctor if pain persists. Remove contaminated clothing and wash affected area with water. Remove from further exposure
Workplace facilities	Availability of water 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-Fighting measure		
Type of hazard	Not Flammable	
Fire hazard properties	Not applicable	
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	Spills are slippery. Remove possible leaking containers. Mop up small spills. For larger spills absorb in inert material (sand or vermiculate). Dispose of in accordance with local regulations	
Section 7: Handling and Storage		
Subsection 1		
Handling Practices	Skin: Eyes: Flammability:	Gloves (vinyl, rubber or plastic) are recommended 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		
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	EXPOSURE LIMITS: NZOSH* Not applicable <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	Not applicable	
Exposure Standards	Not applicable	

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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	<p>Skin: Gloves (vinyl, rubber or plastic) are recommended worn when prolonged contact with the product is envisaged. Disposable gloves must not be latex</p> <p>Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.</p>
Specific route of exposure	<p>ACUTE EFFECTS:</p> <p>Swallow: Harmful if swallowed. Product may cause irritation of the gastrointestinal tract.</p> <p>Eye: Irritant to the eye.</p> <p>Skin: Prolonged skin contact may cause skin irritation.</p> <p>Inhaled: No appreciable irritation is expected by this route</p> <p>CHRONIC EFFECTS: None known</p>
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	<p>APPEARANCE: Viscous liquid</p> <p>BOILING POINT: Approx. 100°C</p> <p>FLASH POINT: Not flammable</p> <p>VAPOUR PRESSURE: Not Determined</p> <p>SPECIFIC GRAVITY: 0.95 - 1.0 g/mL</p> <p>FLAMMABILITY LIMITS: Not Applicable</p> <p>pH: 2.5 - 5.5</p> <p>SOLUBILITY IN WATER: Miscible</p>
Required Specifications	Not applicable
Further specifications	Not applicable
Specific advice	Not applicable
Section 10: Stability and Reactivity	
Stability of the substance	Product is stable
Conditions to Avoid	Not applicable
Material to avoid	Not applicable

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Hazardous decomposition Products	None known
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
Section 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
Section 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	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, and 9 of control regulations</p> <ul style="list-style-type: none"> • Regulations 11-27, 7, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> • Regulations 6,7,32-35,36(1)-(7) • Regulations 25, 29-31,37-39,47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> • Regulations 5,6,7(1),8, 9 • Schedule 3 & 4 <p>Disposal Regulations</p> <ul style="list-style-type: none"> • Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> • Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42

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	Tracking: <ul style="list-style-type: none">• Not applicable Approved Handlers: <ul style="list-style-type: none">• 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 2.6 – Hair Cream

Material Safety Data Sheet for Product Use

Section 1: Identification of the substance/mixture			
Product Name:	Hair Cream		
Recommended Use	Hair Cream for hair placement and fixing		
Product description	Cream 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 6.4 Irritant to Eyes Classification Category 9.1D Ecotoxic to aquatic environment in large volumes Risk statements: R36 and R53 (in bulk quantities only) Safety statements: S25 and S61 (in bulk quantities only) Eyes: Splashes in the eye may cause stinging sensation and 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 Details	None required		
Section 3: Composition/information on ingredients			
Classification and type	HSNO Class 6.4 and 9.1D		
Mixture	Ingredient	CAS No	% W/W
	Oils and waxes (mineral and vegetable) (e.g. <i>petrolatum</i> , <i>glyceryl stearate</i>)		<60
	Hair conditioning agents (e.g. proteins and derivatives, cellulose derivatives, cationic copolymers)		<20
	Silicones (e.g. <i>dimethicone</i>)		<20
	Emulsifying agents, surfactants (e.g. ethoxylated fatty acids)		<15
	Humectants (e.g. <i>propylene glycol</i> , <i>glycerin</i>)		<10
	Resins, polymers (e.g <i>PVP/VA copolymer</i> , <i>acrylates copolymer</i>)		<5
	Additional ingredients (e.g. UV filters, vitamins)		<2

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	Parfum Preservatives, antimicrobials Aqua		<1 <1 to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Seek medical attention If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists. Remove contaminated clothing and wash affected area with water. Remove from further exposure	
Workplace facilities	Availability of water 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-Fighting measure			
Type of hazard	Not Flammable		
Fire hazard properties	Not applicable		
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	Spills are slippery. Remove possible leaking containers. Mop up small spills. For larger spills absorb in inert material (sand or vermiculate). Dispose of in accordance with local regulations		
Section 7: Handling and Storage			
Subsection 1			
Handling Practices	Skin: Eyes: Flammability:	Gloves (vinyl, rubber or plastic) are recommended 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			
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		

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Section 8: Exposure Control/Personal Protection		
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* Not applicable <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	Not applicable	
Exposure Standards outside the workplace	Not applicable	
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: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.	
Specific route of exposure	ACUTE EFFECTS: Swallow: 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
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: SOLUBILITY IN WATER:	Cream Approx. 100°C Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5 Miscible

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Required Specifications	Not applicable
Further specifications	Not applicable
Specific advice	Not applicable
Section 10: Stability and Reactivity	
Stability of the substance	Product is stable
Conditions to Avoid	Not applicable
Material to avoid	Not applicable
Hazardous decomposition Products	None known
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
Section 12: Ecotoxicity Information	
Potential Environmental Interactions	Bio degradable and unlikely to incur environmental harm in normal dilution and usage. Minor risk in bulk quantities
Data Organisation	
Environmental risk phrases	Not required
Section 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	
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 <ul style="list-style-type: none"> Regulations 11-27, 7, 10, 32-45, 50-51 Identification Regulations <ul style="list-style-type: none"> Regulations 6,7,32-35,36(1)-(7)

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	<ul style="list-style-type: none"> Regulations 25, 29-31,37-39,47-50, 51,52 Packaging Regulations <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9 Schedule 3 & 4 Disposal Regulations <ul style="list-style-type: none"> Regulations 8, 9, 10, 11, 12, 13, 14 Emergency Management <ul style="list-style-type: none"> Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42 Tracking: <ul style="list-style-type: none"> Not applicable Approved Handlers: <ul style="list-style-type: none"> 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 2.7 – Hair Shine Wax or Brilliantine

Material Safety Data Sheet for Product Use

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 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 6.4 Irritant to Eyes Classification Category 9.1D Ecotoxic to aquatic environment in large volumes Risk statements: R36 and R53 (in bulk quantities only) Safety statements: S25 and S61 (in bulk quantities only) Eyes: Minor eye irritant if rubbed into eyes 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 ingredients			
Classification and type	HSNO Class 6.4 and 9.1D		
Mixture	Ingredient	CAS No	% W/W
	Waxes and oils (e.g. mineral oils, silicones)		<99
	Emulsifying agents (e.g. ethoxylated fatty acids)		<3
	Parfum		<3
	Additional ingredients (e.g. UV filters, vitamins)		<2
	Preservatives, antimicrobials, antioxidants		<1
	Cosmetic colorants		<1
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aid measures	Swallowed:	If swallowed do not induce vomiting. Give a glass of water. Seek medical attention	

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	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	Availability of water 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-Fighting measure		
Type of hazard	Not Flammable	
Fire hazard properties	Not applicable	
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	Spills are slippery. Remove possible leaking containers. Mop up small spills with soapy water. For larger spills absorb in inert material (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) 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. 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 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	EXPOSURE LIMITS: NZOSH* Not applicable <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	Not applicable	

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Exposure Standards outside the workplace	Not applicable	
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: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.	
Specific route of exposure	ACUTE EFFECTS: Swallow: 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
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: SOLUBILITY IN WATER:	Waxy Cream Approx. 100°C Not flammable Not Determined 0.95 - 1.0 g/mL Not Applicable 2.5 - 5.5 Miscible
Required Specifications	Not applicable	
Further specifications	Not applicable	
Specific advice	Not applicable	
Section 10: Stability and Reactivity		
Stability of the substance	Product is stable	
Conditions to Avoid	Not applicable	

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Material to avoid	Not applicable
Hazardous decomposition Products	None known
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.
Summaries data	Not available
Format	Not available
Section 12: Ecotoxicity Information	
Potential Environmental Interactions	Bio degradable and unlikely to incur environmental harm in normal dilution and usage. Minor risk in bulk quantities
Data Organisation	
Environmental risk phrases	Not required
Section 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	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, and 9 of control regulations</p> <ul style="list-style-type: none"> • Regulations 11-27, 7, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> • Regulations 6,7,32-35,36(1)-(7) • Regulations 25, 29-31,37-39,47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> • Regulations 5,6,7(1),8, 9 • Schedule 3 & 4 <p>Disposal Regulations</p> <ul style="list-style-type: none"> • Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> • Regulations 6,7,9-11, 8e, 8f, 18-29, 25-34, 35-41, 42

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	Tracking: <ul style="list-style-type: none">• Not applicable Approved Handlers: <ul style="list-style-type: none">• 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 substance/mixture			
Product Name:	Hair Lotion		
Recommended Use	Hair Colour 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 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 Details	Poison, Avoid contact with skin		
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
	Ethanol and/or isopropanol (<i>alcohol, alcohol denat., isopropyl alcohol</i>)		<60
	Hair conditioning agents (e.g. protein		<20








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	hydrolysates, cellulose derivatives) PPG ethers <i>Parfum</i> Resins, polymers (e.g. <i>polyvinyl acetate, PVP</i>) Additional ingredients (e.g. vitamins, plant extracts, chelating agents, UV filters) Preservatives, antimicrobials Hair dyeing agents, cosmetic colorants <i>Camphor</i> <i>Aqua</i> NB: Two-phase products contain up to 50 % mineral oil		<10 <3 <2 <2 <1 <0.5 to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Wash affected area with water. If irritation develops seek medical advice. Remove person to fresh air.	
Workplace facilities	Availability of water for rinsing of eyes or skin		
Required instructions			
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.		
Section 5: Fire-Fighting measure			
Type of hazard	Flammable		
Fire hazard properties	If spilled or ruptured will increase the intensity of fire		
Extinguishing media & methods	The material is not flammable. In case of fire, water, water fog, dry chemical, CO ₂ or foam can be used. Cool adjacent containers		
Recommended Protective Clothing	Not required		
Section 6: Accidental Release Measure			
Procedures to be covered	Remove possible leaking containers. Remove all ignition sources and ventilate area. Dilute small spills with water. For larger spills dilute with water and absorb in inert material (ie. sand or vermiculate). Dispose of in accordance with local regulations.		

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Section 7: Handling and Storage											
Subsection 1											
Handling Practices	<p>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</p> <p>Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.</p> <p>Flammability: Flammable – Keep away from heat, flame or ignition sources</p>										
Subsection 2											
Store site requirements	<p>Store product in a cool place out of sun and away from food stuffs.</p> <p>Store away from corrosive and oxidising products.</p> <p>Store in accordance with the Dangerous Goods regulations when in bulk quantities over maximum permitted levels</p>										
Packaging	<p>General Packaging Requirements HSNO P1 & P3</p> <p>Packaging of single use products under 100ml must not be re-sealable and contain disposal instructions under Section 13.</p> <p>Packaging is able to handle drop of 0.5m without leakage</p> <p>Packaging will not react with mixture or ingredients</p>										
Section 8: Exposure Control/Personal Protection											
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)											
Workplace exposure standards	<p>EXPOSURE LIMITS: NZOSH*</p> <p>CHEMICAL NAME:</p> <table> <tr> <td>Ethyl alcohol</td><td>1880mg/m³ (1000ppm)</td></tr> <tr> <td>Or</td><td></td></tr> <tr> <td>Isopropyl alcohol</td><td>983mg/m³ (400ppm)</td></tr> <tr> <td>Ammonia</td><td>17mg/m³ (25ppm)</td></tr> <tr> <td>Ethanolamine</td><td>7.5mmg/ m³ (3ppm)</td></tr> </table> <p><i>*New Zealand workplace Exposure Standards</i></p>	Ethyl alcohol	1880mg/m ³ (1000ppm)	Or		Isopropyl alcohol	983mg/m ³ (400ppm)	Ammonia	17mg/m ³ (25ppm)	Ethanolamine	7.5mmg/ m ³ (3ppm)
Ethyl alcohol	1880mg/m ³ (1000ppm)										
Or											
Isopropyl alcohol	983mg/m ³ (400ppm)										
Ammonia	17mg/m ³ (25ppm)										
Ethanolamine	7.5mmg/ m ³ (3ppm)										
Application in the workplace	<p>Warnings:</p> <p>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).</p> <p>Product must not be used for dyeing the eyelashes or eyebrows.</p>										
Exposure Standards outside the workplace	Not applicable										
Subsection 2: Engineering Controls											
Hierarchy of controls measures	Ventilation PPE										
Exposure control measures	None										
No. Hazard indication	Hazard indication 3 is required but other signage										


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	recommended	
	<div><div></div><div></div><div></div><div></div><div><div>FLAMMABLE LIQUIDS AREA</div><div>NO SMOKING</div></div></div>	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal Protective Equipment (PPE)		
Detail specifications for equipment	<p>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</p> <p>Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.</p> <p>Inhalation: Universal mask should be worn when mixing or applying on a continuing basis</p> <div></div>	
Specific route of exposure	<p>Skin, Eyes and Inhalation</p> <p>ACUTE EFFECTS:</p> <p>Swallow:</p> <p>Eye:</p> <p>Skin:</p> <p>Inhaled:</p> <p>CHRONIC EFFECTS:</p>	<p>Harmful if swallowed. Product may cause irritation of the gastrointestinal tract.</p> <p>Corrosive to the eye.</p> <p>Avoid contact. Prolonged skin contact may cause skin irritation.</p> <p>At relatively high vapour concentrations ethyl or isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression.</p> <p>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.</p> <p>Repeated skin contact may lead to dermatitis. Some aromatic amine dyes may cause dermatitis and allergic reactions in some individuals.</p>
General Hygiene	Wash or rinse any exposure from skin. Do not re-use gloves directly contaminated.	








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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
Section 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
Section 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
Section 12: Ecotoxicity Information	
Potential Environmental Interactions	Eco-toxic 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

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Environmental risk phrases	Not required
Section 13: Disposal Considerations	
Disposal information	<p>No special consumer requirement as containers are expected to be fully used prior to disposal</p> <p>Do not reseal single use products</p> <p>Bulk or surplus products:</p> <p>Must not be disposed of through untreated drains or storm water systems.</p> <p>Surplus contents may be diluted and rinsed to treated wastewater systems to achieve a non-flammable composition</p>
Relevant information	Dispose of to lined landfill or approved incineration system where undiluted flammable quantities are involved
Section 14: Transport Information	
Relevant Information	<p>Display UN/HSNO Classes 3, 6 and 9 in documentation</p> <p>Comply with land transport maximum package quantities</p> <p>Packaging Group III</p> <p>Label outer packaging with UN Classes and product identification</p> <p>Label risks toxic and eco-toxic</p> <div style="text-align: center;">  </div>
Other requirements	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 3, 6, 8 and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51, 55, 58, 59, 60 - 70 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6, 7, 11, 32-35, 36(1)-(7) Regulations 25, 29-31, 37-39, 47-50, 51, 52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5, 6, 7(1), 8, 9, 11, 13 Schedule 3 & 4 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 6, 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6, 7, 9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42

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	<p>Tracking:</p> <ul style="list-style-type: none"> • Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> • Not applicable <p>Transport Standard</p> <ul style="list-style-type: none"> • NZS: 5433 1999
Symbols:	  <p>UN/HSNO 3 is required</p>     
Risk phrases:	<p>R10 - Flammable R25 – Toxic if swallowed R37 - Irritating to respiratory system R41 - Risk of serious damage to eyes Or combination risk phrases as appropriate</p>
Safety phrases	<p>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</p>
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	<p>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</p> <p>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</p>		
Required identification Details	Poison, Avoid contact with skin		
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

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	Ethanol (<i>alcohol, alcohol denat.</i>) Isopropanol (<i>isopropyl alcohol</i>) Acetone Silicones (e.g. <i>dimethicone</i>) and oils (e.g. mineral) Resins, polymers (e.g. <i>polyvinyl acetate, PVP</i>) Parfum Humectants (e.g. <i>propylene glycol</i>) Ethoxylated glycols Neutralising agents (e.g. <i>aminomethyl propanol</i>) Additional ingredients (e.g. UV filters, vitamins) Preservatives, antimicrobials Cationic surfactants Isopropyl esters of fatty acids Hair dyeing agents, cosmetic colorants Aqua	<80 <10 <10 <10 <5 <2 <2 <2 <2 <2 <1 <1 <1 to 100
	Other ingredients determined not to be hazardous	to 100

Section 4: First Aid Measure

Description of necessary first aid measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Wash affected area with water. If irritation develops seek medical advice. Remove person to fresh air.
Workplace facilities	Availability of water for rinsing of eyes or skin	
Required instructions		
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.	

Section 5: Fire-Fighting measure

Type of hazard	Flammable
Fire hazard properties	If spilled or ruptured will increase the intensity of fire
Extinguishing media & methods	The material is not flammable. In case of fire, water, water fog, dry chemical, CO ₂ or foam can be used. Cool adjacent containers
Recommended Protective Clothing	Not required









Section 6: Accidental Release Measure

Procedures to be covered	Remove possible leaking containers. Remove all ignition sources and ventilate area well.
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	Dilute small spills with water. For larger spills dilute with water 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	<p>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</p> <p>Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.</p> <p>Flammability: Flammable – Keep away from heat, flame or ignition sources</p>										
Subsection 2											
Store site requirements	<p>Store product in a cool place out of sun and away from food stuffs.</p> <p>Store away from corrosive and oxidising products.</p> <p>Store in accordance with the Dangerous Goods regulations</p>										
Packaging	<p>General Packaging Requirements HSNO P1 & P3</p> <p>Packaging of single use products under 100ml must not be re-sealable and contain disposal instructions under Section 13.</p> <p>Packaging is able to handle drop of 0.5m without leakage</p> <p>Packaging will not react with mixture or ingredients</p>										
Section 8: Exposure Control/Personal Protection											
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)											
Workplace exposure standards	<p>EXPOSURE LIMITS: NZOSH*</p> <p>CHEMICAL NAME:</p> <table> <tr> <td>Ethyl alcohol</td><td>1880mg/m³ (1000ppm)</td></tr> <tr> <td>Or</td><td></td></tr> <tr> <td>Isopropyl alcohol</td><td>983mg/m³ (400ppm)</td></tr> <tr> <td>Ammonia</td><td>17mg/m³(25ppm)</td></tr> <tr> <td>Ethanolamine</td><td>7.5mmg/ m³(3ppm)</td></tr> </table> <p><i>*New Zealand workplace Exposure Standards</i></p>	Ethyl alcohol	1880mg/m ³ (1000ppm)	Or		Isopropyl alcohol	983mg/m ³ (400ppm)	Ammonia	17mg/m ³ (25ppm)	Ethanolamine	7.5mmg/ m ³ (3ppm)
Ethyl alcohol	1880mg/m ³ (1000ppm)										
Or											
Isopropyl alcohol	983mg/m ³ (400ppm)										
Ammonia	17mg/m ³ (25ppm)										
Ethanolamine	7.5mmg/ m ³ (3ppm)										
Application in the workplace	<p>Warnings:</p> <p>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).</p> <p>Product must not be used for dyeing the eyelashes or eyebrows.</p>										
Exposure Standards outside the workplace	Not applicable										
Subsection 2: Engineering Controls											
Hierarchy of controls	Ventilation										



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measures	PPE	
Exposure control measures	None	
No. Hazard indication	Hazard indication 3 is required but other signage recommended <div></div>	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal Protective Equipment (PPE)		
Detail specifications for equipment	<p>Skin: Gloves (vinyl, rubber or plastic) must be worn when handling this product Disposable gloves must not be latex</p> <p>Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.</p> <p>Inhalation: Universal mask should be worn when mixing or applying on a continuing basis</p> <div></div>	
Specific route of exposure	<p>Skin, Eyes and Inhalation</p> <p>ACUTE EFFECTS: Swallow:</p> <p>Eye:</p> <p>Skin:</p> <p>Inhaled:</p> <p>CHRONIC EFFECTS:</p>	<p>Harmful if swallowed. Product may cause irritation of the gastrointestinal tract.</p> <p>Corrosive to the eye.</p> <p>Avoid contact. Prolonged skin contact may cause skin irritation.</p> <p>At relatively high vapour concentrations ethyl or isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression.</p> <p>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.</p> <p>Repeated skin contact may lead to dermatitis. Some aromatic amine dyes may cause dermatitis and allergic reactions in some individuals.</p>
General Hygiene	Wash or rinse any exposure from skin. Do not re-use gloves	








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	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
Section 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
Section 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
Section 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

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Data Organisation	All classes of terrestrial vertebrate and aquatic organisations Classes 9.1D and 9.3C
Environmental risk phrases	Not required
Section 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	
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 <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">   </div>
Other requirements	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 3, 6, 8 and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51, 55, 58, 59, 60 - 70 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6, 7, 11, 32-35, 36(1)-(7) Regulations 25, 29-31, 37-39, 47-50, 51, 52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5, 6, 7(1), 8, 9, 11, 13 Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 6, 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p>

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	<ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not applicable <p>Transport Standard</p> <ul style="list-style-type: none"> NZS: 5433 1999
Symbols:	  <p>UN/HSNO 3 is required</p>     
Risk phrases:	<p>R10 - Flammable R25 – Toxic if swallowed R37 - Irritating to respiratory system R41 - Risk of serious damage to eyes Or combination risk phrases as appropriate</p>
Safety phrases	<p>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</p>
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 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 3.1 – Flammable Liquids Classification Category 6.1D Acutely Toxic, 6.4 – Eye Irritant, 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 – 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 nose and throat and may cause central nervous system depression		
Required identification Details	Flammable		
Section 3: Composition/information on ingredients			
Classification and type	Classes 3.1, 6.1D, 6.4, and 9.1 Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	Ethanol (<i>alcohol, alcohol denat.</i>)		<50
	Silicone derivatives (e.g. <i>dimethicone</i>)		<25
	Humectants (e.g. <i>glycerin, propylene</i>		<20


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	glycol) Resins, polymers (e.g. PVP, <i>polyquaternium-11</i> , VA/crotonates copolymer, <i>butyl ester of PVM/MA copolymer</i>) Neutralising agent (e.g. <i>aminomethyl propanol</i> , triethanolamine) Surfactants, emulsifying agents (e.g. ethoxylated fatty acids) Isopropanol (<i>isopropyl alcohol</i>) (can be present in resins) Viscosity controlling agents (e.g. <i>carbomer</i>) Additional ingredients (e.g. UV filters, vitamins) Preservatives, antimicrobials, chelating agents <i>Parfum</i> Cosmetic colorants <i>Aqua</i>	<10
	Other ingredients determined not to be hazardous	to 100
Section 4: First Aid Measure		
Description of necessary first aid measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists. Wash affected area with water. Remove contaminated clothing and wash before reuse Remove person to fresh air.
Workplace facilities	None required	
Required instructions		
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.	
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 & 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	Remove possible leaking containers. Remove all ignition	

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covered	sources and ventilate area. 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.
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 sources
Subsection 2	
Store site requirements	Store product upright in a cool place out of direct sunlight and away from food stuffs. Store away from corrosive and oxidising products.. Store in accordance with the Dangerous Goods regulations 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
Section 8: Exposure Control/Personal Protection	
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)	
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Ethyl alcohol 1880mg/M3 (1000ppm) Isopropyl alcohol 983mg/M3 (400ppm) <i>*New Zealand workplace Exposure Standards</i>
Application in the workplace	None required
Exposure Standards outside the workplace	Not applicable
Subsection 2: Engineering Controls	
Hierarchy of controls measures	Ventilation PPE
Exposure control measures	Highly flammable. Keep away from heat, flame or ignition source
No. Hazard indication	Hazard indication 3 is required above dangerous goods storage threshold levels, but other signage recommended    
Ventilation specification	Use in well ventilated areas
Subsection 3: Personal Protective Equipment (PPE)	
Detail specifications for equipment	Protect eyes when using









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Specific route of exposure	<p>Skin, Eyes and Inhalation</p> <p>ACUTE EFFECTS: Swallow:</p> <p>Eye:</p> <p>Skin:</p> <p>Inhaled:</p> <p>CHRONIC EFFECTS:</p>	<p>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</p> <p>Contact may irritate eye</p> <p>Prolonged and repeated skin contact should be avoided</p> <p>At relatively high vapour concentrations ethyl and isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression.</p> <p>Chronic exposure to ethyl or isopropyl alcohol may result in irritation of the mucous membrane, headache, lack of concentration and drowsiness.</p> <p>Prolonged or repeated skin contact may result in dermatitis.</p>
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Clear pale yellow liquid	
Required Specifications	BOILING POINT: 35°C FLASH POINT: 23°C VAPOUR PRESSURE: Not determined SPECIFIC GRAVITY: 0.82-0.93 g/ml FLAMMABILITY LIMITS: 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 substance	Product is stable	
Conditions to Avoid	Not applicable	
Material to avoid	None known	

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Hazardous decomposition Products	None known
Specific Data	None known
Section 11: Toxicological Information	
Data and interpretation	<p>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</p> <p>Eye: Contact may irritate eye</p> <p>Skin: Prolonged and repeated skin contact should be avoided</p> <p>Inhaled: At relatively high vapour concentrations ethyl and isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression</p> <p>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.</p>
Summaries data	Not available
Format	Not available
Section 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 while in final form.
Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk phrases	Not required
Section 13: Disposal Considerations	
Disposal information	<p>Products likely to be used fully prior to disposal by consumers</p> <p>Bulk or surplus products:</p> <p>Must be disposed of in accordance with local regulations for dangerous goods. Dispose of to lined landfill</p>
Relevant information	
Section 14: Transport Information	
Relevant Information	<p>Dangerous Goods Transport Rules apply</p> <p>Display UN Classes 3, 6 and 9 in documentation</p> <p>Comply with land transport maximum package quantities</p> <p>Packaging Group III</p> <p>Label outer packaging with UN Classes and product identification only</p> <p>Label risks toxic and eco-toxic may be displayed</p>

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Other requirements	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 3, 6, and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51, 55, 58, 59, 60 – 70, 81, 83, 84, 85 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6, 7, 11, 32-35, 36(1)-(7) Regulations 25, 29-31, 37-39, 43, 47-50, 51, 52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5, 6, 7(1), 8, 9, 11, 13 Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 6, 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6, 7, 9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not required <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not required for normal use <p>Transport Standard</p> <ul style="list-style-type: none"> NZS: 5433 1999
Symbols:	<div style="display: flex; flex-wrap: wrap; align-items: center;"> <div style="margin-right: 10px;"></div> <div style="margin-right: 10px;"></div> <div style="margin-right: 10px;">UN/HSNO 3 is required</div> <div style="margin-right: 10px;"></div> <div style="margin-right: 10px;"></div> <div style="margin-right: 10px;"></div> <div style="margin-right: 10px;"></div> <div></div> </div>
Risk phrases:	<p>R10 - Flammable</p> <p>R25 – Toxic if swallowed</p> <p>R36 - Irritating to eyes</p> <p>R37 - Irritating to respiratory system</p> <p>Or combination risk phrases as appropriate</p>
Safety phrases	<p>S2 Keep out of reach of children</p> <p>S46 If swallowed, seek medical advice immediately and show container or label</p>

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	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 substance/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 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 2.1.2 – Flammable aerosol Classification Category 6.1D Acutely Toxic, 6.4 – Eye Irritant, 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 – 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 Details	Flammable		
Section 3: Composition/information on ingredients			
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
	Ethanol (<i>alcohol, alcohol denat.</i>)		<30
	Propellants (e.g. hydrocarbons, <i>dimethyl ether</i> , compressed gas)		<30
	Silicone derivatives (e.g. <i>amodimethicone</i>) and mineral oils (e.g. <i>paraffinum liquidum</i>)		<10

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	Film forming agents, polymers, resins (e.g. <i>polyvinyl acetate</i> , <i>PVP</i> , <i>polyquaternium-4</i>) and neutralising agent (e.g. <i>aminomethyl propanol</i>)		<10
	Polyglycol ethers		<5
	Cationic surfactants $\geq C_{12}$ (e.g. <i>quaternium-27</i> , <i>cetrimonium chloride</i>)		<5
	Non-ionic surfactants (e.g. <i>oleth-20</i>)		<5
	Plasticisers (e.g. <i>triacetin</i> , lanolin derivatives)		<2
	Preservatives, antimicrobials		<2
	Additional ingredients (e.g. UV filters, vitamins)		<1
	Cosmetic colorants		<1
	<i>Parfum</i>		<0.2
	<i>Aqua</i>		to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists. Wash affected area with water. Remove person to fresh air.	
Workplace facilities	None required		
Required instructions			
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.		
Section 5: Fire-Fighting measure			
Type of hazard	Flammable		
Fire hazard properties	Closed containers may rupture when exposed to heat greater 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 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			



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Subsection 1		
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 in accordance with the Dangerous Goods regulations class 2	
Packaging	General Packaging Requirements HSNO P1 & P3 Pack to Aerosol regulations	
Section 8: Exposure Control/Personal Protection		
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Hydrocarbon Propellant LPG 1880mg/m ³ (1000ppm) (Propane-Butane) Ethyl alcohol 1880mg/M3 (1000ppm) <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	None required	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineering Controls		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	None	
No. Hazard indication	Hazard indication 2 is required above threshold levels, but other signage recommended 	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal Protective Equipment (PPE)		
Detail specifications for equipment	No specific protection equipment required	
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







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	Eye: Skin: Inhaled: CHRONIC EFFECTS:	Contact may irritate eye Prolonged and repeated skin contact should be avoided Inhalation of aerosol products may cause irritation to the nose and throat Long term or repeated exposure may lead to skin dryness.
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: White Foam	
Required Specifications	BOILING POINT: Not determined FLASH POINT: -87°C VAPOUR PRESSURE: 448 – 517KPa SPECIFIC GRAVITY: 0.88 – 0.88g/mL FLAMMABILITY LIMITS: 1.9 – 9.5% pH: 4.0 – 7.0 SOLUBILITY IN WATER: Completely soluble	
Further specifications	Not applicable	
Specific advice	Not applicable	
Section 10: Stability and Reactivity		
Stability of the substance	Product is stable	
Conditions to Avoid	Fire and excessive heat sources	
Material to avoid	Corrosive materials	
Hazardous decomposition Products	None known	
Specific Data	None known	
Section 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: Inhalation of aerosol products may cause irritation to the nose and throat Chronic Effects: Long term or repeated exposure may lead to skin dryness.	
Summaries data	Not available	
Format	Not available	
Section 12: Ecotoxicity Information		
Potential Environmental	Eco-toxic to marine life in large volume spills. Minimum risk in	

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Interactions	consumer packaged products and in normal retail delivery volumes
Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk phrases	Not required
Section 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 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 <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">   </div>
Other requirements	
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 <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 – 70, 81, 83, 84,85 Identification Regulations <ul style="list-style-type: none"> Regulations 6,7,11, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 43, 47-50, 51,52 Packaging Regulations <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9, 11, 13 Schedule 3 Disposal Regulations <ul style="list-style-type: none"> Regulations 6, 8, 9, 10, 11, 12, 13, 14

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	<p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> 4(1), 5, 6 <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not applicable <p>Transport Standard</p> <ul style="list-style-type: none"> NZS: 5433 1999
Symbols:	      <p>UN/HSNO 2 is required</p>
Risk phrases:	<p>R10 - Flammable R25 – Toxic if swallowed R36 - Irritating to eyes R37 - Irritating to respiratory system Or combination risk phrases as appropriate</p>
Safety phrases	<p>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</p>
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 Number	National Poison Information centre. Phone 0800-764766
Date of Preparation	31 March 2015
Section 2: Hazards Identification	
Hazard Classification	<p>Classification Category 2.1.2 – Flammable aerosol 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</p> <p>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</p>
Required identification Details	Flammable, Poison, Avoid contact with skin
Section 3: Composition/information on ingredients	


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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
	Ethanol and/or isopropanol (<i>alcohol, alcohol denat., isopropyl alcohol</i>)		<95
	Propellants (e.g. <i>dimethyl ether, hydrocarbons, hydrofluorocarbons</i>)		<90
	Solvents (e.g. <i>acetone, volatile silicones</i>)		<25
	Resins, polymers (e.g. <i>PVP/VA copolymer, VA/crotonates copolymer, butyl ester of PVM/MA copolymer</i>)		<8.5
	Neutralising agent (e.g. <i>aminomethyl propanol</i>)		
	Alkoxylated glucose derivatives		
	Additional ingredients (e.g. UV filters, vitamins)		<2
	Plasticisers (e.g. lanolin derivatives, silicone oil)		<2
	Preservatives, antimicrobials		<1
	<i>Parfum</i>		<1
	<i>Aqua</i>		< to 100
		Other ingredients determined not to be hazardous	
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 If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists. Wash affected area with water. Remove person to fresh air.	
	Eyes:		
	Skin:		
	Inhaled:		
Workplace facilities	None required		
Required instructions			
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.		
Section 5: Fire-Fighting measure			
Type of hazard	Highly Flammable		
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 & methods	In case of fire, water fog, fine water spray, dry chemical, CO ₂ or foam can be used to extinguish. Cool adjacent containers		

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Recommended Protective Clothing	Not required
Section 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	
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
Section 8: Exposure Control/Personal Protection	
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)	
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Hydrocarbon Propellant LPG 1880mg/m ³ (1000ppm) (Propane-Butane) Ethyl alcohol 1880mg/M3 (1000ppm) <i>*New Zealand workplace Exposure Standards</i>
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: Engineering Controls	
Hierarchy of controls measures	Ventilation PPE
Exposure control measures	None
No. Hazard indication	Hazard indication 2 is required but other signage recommended    
Ventilation specification	Use in well ventilated areas









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Subsection 3: Personal Protective Equipment (PPE)		
Detail specifications for equipment	Skin: No specific equipment required Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes. 	
Specific route of exposure	Skin, Eyes and Inhalation ACUTE EFFECTS: Swallow: Eye: Skin: Inhaled: CHRONIC EFFECTS:	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 Splashes in the eye may cause immediate stinging sensation and tears No appreciable irritation of the skin is expected. At relatively high vapour concentrations ethyl and 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 nose and mouth, headaches, lack of concentration and drowsiness. Prolonged or repeated skin contact may lead to dermatitis
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Clear liquid	
Required Specifications	BOILING POINT: Not determined 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	

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Specific advice	Not applicable
Section 10: Stability and Reactivity	
Stability of the substance	Product is stable
Conditions to Avoid	Not applicable
Material to avoid	Corrosive materials
Hazardous decomposition Products	None known
Specific Data	None known
Section 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
Section 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
Section 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
Section 14: Transport Information	
Relevant Information	Display UN Classes 6 and 9 in documentation Comply with land transport maximum package quantise Packaging Group III

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	<p>Label outer packaging with UN Classes and product identification</p> <p>Label risks toxic and eco-toxic</p> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">   </div>
Other requirements	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 2, 6,8 and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 – 70, 81, 83, 84,85 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6,7,11, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 43, 47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9, 11, 13 Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 6, 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> 4(1), 5, 6 <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not applicable <p>Transport Standard</p> <ul style="list-style-type: none"> NZS: 5433 1999
Symbols:	<div style="display: flex; justify-content: space-around; align-items: center;">       </div> <p>UN/HSNO 3 is required</p>
Risk phrases:	<p>R10 - Flammable</p> <p>R25 – Toxic if swallowed</p> <p>R36 - Irritating to eyes</p> <p>R37 - Irritating to respiratory system</p> <p>Or combination risk phrases as appropriate</p>
Safety phrases	<p>S2 Keep out of reach of children</p>

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	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 Number	National Poison Information centre. Phone 0800-764766
Date of Preparation	31 March 2015
Section 2: Hazards Identification	
Hazard Classification	<p>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</p> <p>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</p>
Required identification Details	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)


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Mixture	Ingredient	CAS No	% W/W
	Ethanol and/or isopropanol (<i>alcohol, alcohol denat., isopropyl alcohol</i>)		<95
	Solvents (e.g. <i>acetone</i> , volatile silicones)		<25
	Resins, polymers (e.g. <i>PVP/VA copolymer, VA/crotonates copolymer, butyl ester of PVM/MA copolymer</i>)		<8.5
	Neutralising agent (e.g. <i>aminomethyl propanol</i>)		
	Alkoxylated glucose derivatives		
	Additional ingredients (e.g. UV filters, vitamins)		<2
	Plasticisers (e.g. lanolin derivatives, silicone oil)		<2
	Preservatives, antimicrobials		<1
	<i>Parfum</i>		<1
	<i>Aqua</i>		< to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Wash affected area with water. Remove person to fresh air.	
Workplace facilities	None required		
Required instructions			
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.		
Section 5: Fire-Fighting measure			
Type of hazard	Highly Flammable		
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 & 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	Remove all ignition sources and ventilate area. Remove		

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covered	possible leaking containers. Dilute spills with water. Dispose of in accordance with local regulations.
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 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 3
Packaging	General Packaging Requirements HSNO P1 & P3 Packaging must not react with ingredients
Section 8: Exposure Control/Personal Protection	
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)	
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Isopropanol 1880mg/m ³ (1000ppm) Ethyl alcohol 1880mg/M3 (1000ppm) <i>*New Zealand workplace Exposure Standards</i>
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: Engineering Controls	
Hierarchy of controls measures	Ventilation PPE
Exposure control measures	None
No. Hazard indication	Hazard indication 3 is required but other signage recommended 
Ventilation specification	Use in well ventilated areas
Subsection 3: Personal Protective Equipment (PPE)	
Detail specifications for equipment	Skin: No specific equipment required Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.









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Specific route of exposure	<p>Skin, Eyes and Inhalation</p> <p>ACUTE EFFECTS:</p> <p>Swallow:</p> <p>Eye:</p> <p>Skin:</p> <p>Inhaled:</p> <p>CHRONIC EFFECTS:</p>	<p>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</p> <p>Splashes in the eye may cause immediate stinging sensation and tears</p> <p>No appreciable irritation of the skin is expected.</p> <p>At relatively high vapour concentrations ethyl and isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression.</p> <p>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</p>
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Clear liquid	
Required Specifications	BOILING POINT: Not determined 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 substance	Product is stable	

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Conditions to Avoid	Not applicable
Material to avoid	Corrosive materials
Hazardous decomposition Products	None known
Specific Data	None known
Section 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
Section 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
Section 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
Section 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

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Other requirements	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 2, 6,8 and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 – 70, 81, 83, 84,85 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6,7,11, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 43, 47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9, 11, 13 Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 6, 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not applicable <p>Transport Standard</p> <ul style="list-style-type: none"> NZS: 5433 1999
Symbols:	  <p>UN 3 is required</p>    
Risk phrases:	<p>R10 - Flammable</p> <p>R25 – Toxic if swallowed</p> <p>R36 - Irritating to eyes</p> <p>R37 - Irritating to respiratory system</p> <p>Or combination risk phrases as appropriate</p>
Safety phrases	<p>S2 Keep out of reach of children</p>

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	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/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 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 Details	None		
Section 3: 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
	Reducing agents: - <i>ammonium thioglycolate</i> (professional use) (general use) - <i>cysteine HCl</i>		<13 * <9.5 * <10

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	Ammonium salts (e.g. <i>ammonium bicarbonate</i>) Alkalies (e.g. <i>ammonium hydroxide</i> or amines) <i>Diammonium dithiodiglycolate</i> Additional ingredients (e.g. viscosity controlling agents, emulsifying agents) Anionic/non-ionic/amphoteric/cationic $\geq C_{12}$ surfactants (e.g. <i>cocamidopropyl betaine</i> , <i>dicetyldimonium chloride</i>) Anionic / cationic polymers (e.g. <i>acrylates copolymer</i> , <i>polyquaternium-11</i>) Silicones (e.g. <i>amodimethicone</i>) <i>Parfum</i> Cosmetic colorants Opacifying agents (e.g. <i>styrene/PVP copolymer</i>) Chelating agents <i>Aqua</i>	<7 <5 <6 <3 <3 <2.5 <2.5 <1 <1 <0.5 <0.3 to 100
	* ≤ 11 % (professional use) and ≤ 8 % (general use) 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 necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Do not rub. Rinse with water. Remove contaminated clothing. 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.	
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	

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Section 6: Accidental Release Measure		
Procedures to be covered	Dilute small spills with water. Contain and absorb larger spills in 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: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Ammonia 17mg/M ³ (25ppm) Hydrogen peroxide 1.4mg/M ³ (1ppm) <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	Use PPE when handling this product	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineering Controls		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	None	
No. Hazard indication	Signage recommended but not required  	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal 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 Eyes: Safety glasses must be worn to avoid product contacting the eyes.  	
Specific route of exposure	Skin, Eyes and Inhalation	
	ACUTE EFFECTS:	




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	<p>Swallow: Harmful if swallowed can cause irritation of the gastrointestinal tract.</p> <p>Eye: Avoid contact. Corrosive in concentrate form.</p> <p>Skin: Avoid contact. May cause skin irritation</p> <p>Inhaled: Inhalation of vapours may cause irritation of nose and throat.</p> <p>CHRONIC EFFECTS: Long term or repeated exposure may result in skin irritation in some individuals</p>
General Hygiene	Wash or rinse any exposure from skin.
Section 9: Physical and Chemical Properties	
Specific Data for the product not the individual components	APPEARANCE: Liquid with characteristic odour
Required Specifications	<p>BOILING POINT: Not determined</p> <p>FLASH POINT: Not applicable</p> <p>VAPOUR PRESSURE: Not determined</p> <p>SPECIFIC GRAVITY: 1.03 – 1.05 g/ml</p> <p>FLAMMABILITY LIMITS: Not determined</p> <p>pH: 8.0 -9.5</p> <p>SOLUBILITY IN WATER: Completely soluble</p>
Further specifications	Not applicable
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 decomposition Products	May release toxic hydrogen sulphide fumes if heated to decomposition
Specific Data	None known
Section 11: Toxicological Information	
Data and interpretation	<p>Swallow – Harmful if swallowed can cause irritation of the gastrointestinal tract.</p> <p>Eye: Avoid contact. Corrosive in concentrate form.</p> <p>Skin: Avoid contact. May cause skin irritation</p> <p>Inhaled: Inhalation of vapours may cause irritation of nose and throat.</p> <p>Chronic Effects: Long term or repeated exposure may result in skin irritation in some individuals</p>
Summaries data	Not available
Format	Not available

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Section 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
Section 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	
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	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, 8 and 9 of control regulations</p> <ul style="list-style-type: none"> • Regulations 11-27, 7, 8, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> • Regulations 6,7, 32-35,36(1)-(7) • Regulations 25, 29-31,37-39, 47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> • Regulations 5,6,7(1),8, 9 • Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> • Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> • Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> • Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> • Not applicable

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Symbols:	   <p>Optional not required</p>
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 2.15 – Permanent Wave Lotion - 2





Material Safety Data Sheet for Product Use

Section 1: Identification of the substance/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 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 Details	None		
Section 3: 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
	Reducing agents: - ammonium thioglycolate - cysteine HCl - other thioacid ammonium salts (e.g. ammonium thiolactate)		<9.5 * <10 <3

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	Ammonium salts (e.g. <i>ammonium bicarbonate</i>) Alkalies (e.g. <i>ammonium hydroxide</i> or amines) Anionic/non-ionic/amphoteric/cationic $\geq C_{12}$ surfactants (e.g. <i>dicetyldimonium chloride</i> , betaine derivatives) Additional ingredients (e.g. viscosity controlling agents) Hair conditioning agents (e.g. proteins) Anionic/cationic polymers (e.g. <i>polyquaternium-11</i>) Silicones (e.g. <i>amodimethicone</i>) <i>Parfum</i> Cosmetic colorants Opacifying agents (e.g. <i>styrene/PVP copolymer</i>) Chelating agents <i>Aqua</i>		<7 <5 <3 <3 <2.5 <2.5 <2.5 <1 <1 <0.5 <0.3 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 necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Do not rub. Rinse with water. Remove contaminated clothing. 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.		
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		
Section 6: Accidental Release Measure			
Procedures to be	Dilute small spills with water. Contain and absorb larger spills in		

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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: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Ammonia 17mg/M ³ (25ppm) Hydrogen peroxide 1.4mg/M ³ (1ppm) <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	Use PPE when handling this product	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineering Controls		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	None	
No. Hazard indication	Signage recommended but not required  	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal 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 Eyes: Safety glasses must be worn to avoid product contacting the eyes.  	
Specific route of exposure	Skin, Eyes and Inhalation ACUTE EFFECTS: Swallow:	Harmful if swallowed can cause irritation of the gastrointestinal tract.

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	<p>Eye:</p> <p>Skin:</p> <p>Inhaled:</p> <p>CHRONIC EFFECTS:</p>	<p>Avoid contact. Corrosive in concentrate form.</p> <p>Avoid contact. May cause skin irritation</p> <p>Inhalation of vapours may cause irritation of nose and throat.</p> <p>Long term or repeated exposure may result in skin irritation in some individuals</p>
General Hygiene	Wash or rinse any exposure from skin.	

Section 9: Physical and Chemical Properties

Specific Data for the product not the individual components	APPEARANCE: Liquid with characteristic odour
Required Specifications	<p>BOILING POINT: Not determined</p> <p>FLASH POINT: Not applicable</p> <p>VAPOUR PRESSURE: Not determined</p> <p>SPECIFIC GRAVITY: 1.03 – 1.05 g/ml</p> <p>FLAMMABILITY LIMITS: Not determined</p> <p>pH: 8.0 -9.5</p> <p>SOLUBILITY IN WATER: Completely soluble</p>
Further specifications	Not applicable
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 decomposition Products	May release toxic hydrogen sulphide fumes if heated to decomposition
Specific Data	None known

Section 11: Toxicological Information




Data and interpretation	<p>Swallow – Harmful if swallowed can cause irritation of the gastrointestinal tract.</p> <p>Eye: Avoid contact. Corrosive in concentrate form.</p> <p>Skin: Avoid contact. May cause skin irritation</p> <p>Inhaled: Inhalation of vapours may cause irritation of nose and throat.</p> <p>Chronic Effects: Long term or repeated exposure may result in skin irritation in some individuals</p>
Summaries data	Not available
Format	Not available

Section 12: Ecotoxicity Information

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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
Section 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	
Section 14: Transport Information	
Relevant Information	Display UN/HSNO 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	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, 8 and 9 of control regulations</p> <ul style="list-style-type: none"> • Regulations 11-27, 7, 8, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> • Regulations 6,7, 32-35,36(1)-(7) • Regulations 25, 29-31,37-39, 47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> • Regulations 5,6,7(1),8, 9 • Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> • Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> • Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> • Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> • Not applicable

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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 substance/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 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 Details	None		
Section 3: 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
	Reducing agents: - ammonium thiolactate - cysteine HCl Ammonium salts (e.g. ammonium bicarbonate)		<12 <5 <7

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	Alkalies (e.g. <i>ammonium hydroxide</i> or amines) Anionic / non-ionic / amphoteric / cationic $\geq C_{12}$ surfactants (e.g. <i>dicetyldimonium chloride</i> , betaine derivatives) Additional ingredients (e.g. viscosity controlling agents) Anionic / cationic polymers (e.g. quaternary ammonium compounds) Silicones (e.g. <i>amodimethicone</i>) <i>Parfum</i> Cosmetic colorants Opacifying agents Chelating agents <i>Aqua</i>		<5 <3 <3 <2.5 <2.5 <1 <1 <0.5 <0.3 to 100
	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: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Do not rub. Rinse with water. Remove contaminated clothing. 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.		
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		
Section 6: Accidental Release Measure			
Procedures to be covered	Dilute small spills with water. Contain and absorb larger spills in inert materials (sand or other absorbent material) Dispose of in accordance with local regulations		

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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: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Ammonia 17mg/M ³ (25ppm) <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	Use PPE when handling this product	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineering Controls		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	None	
No. Hazard indication	Signage recommended but not required <div></div>	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal 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 Eyes: Safety glasses must be worn to avoid product contacting the eyes. <div></div>	
Specific route of exposure	Skin, Eyes and Inhalation ACUTE EFFECTS: Swallow: Eye: Skin:	Harmful if swallowed can cause irritation of the gastrointestinal tract. Avoid contact. Corrosive in concentrate form. Avoid contact. May cause skin




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	Inhaled: CHRONIC EFFECTS:	irritation Inhalation of vapours may cause irritation of nose and throat. Long term or repeated exposure may result in skin irritation in some individuals
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Liquid with characteristic odour	
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 SOLUBILITY IN WATER: Completely soluble	
Further specifications	Not applicable	
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 decomposition Products	May release toxic hydrogen sulphide fumes if heated to decomposition	
Specific Data	None known	
Section 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	
Section 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.	

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Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk phrases	Not required
Section 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	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, 8 and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6,7, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9 Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not applicable

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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/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 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, 6.5 - Sensidisor 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: 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 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 Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	PART 1 <i>Hydrogen peroxide</i> Non-ionic surfactants Hair conditioning agents (e.g. proteins)		<12 <5 <1



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	Stabilising agents <i>Aqua</i> pH value: 2.5 - 3.5 PART 2 <i>Ammonium thioglycolate</i> Alkalies (e.g. <i>ammonium hydroxide</i> or amines) Ammonium salts (e.g. <i>ammonium bicarbonate</i>) Anionic / non-ionic / amphoteric / cationic $\geq C_{12}$ surfactants (e.g. betaine derivatives, <i>dicetyldimonium chloride</i>) <i>Parfum</i> Cosmetic colorants Opacifying agents <i>Aqua</i> * before exothermic reaction with <i>hydrogen peroxide</i> pH value: 7 - 9.5 Parts 1 and 2 are combined for use, the mixing of 1 and 2 is exothermic pH value of combined ready-to-use mixture: 7 - 9.5 * after mixing : ≤ 11 % <i>ammonium thioglycolate</i> calculated as <i>thioglycolic acid</i> (professional use) ≤ 8 % <i>ammonium thioglycolate</i> calculated as <i>thioglycolic acid</i> (general use)		<0.5 < to 100 <20 * <5 <5 <3 <1 <1 <0.5 < to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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 Do not rub. Rinse with water. Remove contaminated clothing. 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.		

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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
Section 6: Accidental Release Measure	
Procedures to be covered	Dilute small spills with water. Contain and absorb larger spills in 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 Exposure Guidelines (may also be in section 2)	
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Ammonia 17mg/M ³ (25ppm) Hydrogen peroxide 1.4mg/M ³ (1ppm) <i>*New Zealand workplace Exposure Standards</i>
Application in the workplace	Use PPE when handling this product
Exposure Standards outside the workplace	Not applicable
Subsection 2: Engineering Controls	
Hierarchy of controls measures	Ventilation PPE
Exposure control measures	None
No. Hazard indication	Signage recommended  
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




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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 ACUTE EFFECTS: Swallow: Eye: Skin: Inhaled: CHRONIC EFFECTS:	Irritant. Avoid contact with eyes and skin. May cause sensitisation Harmful if swallowed can cause irritation of the gastrointestinal tract. 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
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Liquid with characteristic odour	
Required Specifications	BOILING POINT: Not determined FLASH POINT: Not applicable VAPOUR PRESSURE: Not applicable SPECIFIC GRAVITY: 1.0 – 1.05 g/ml FLAMMABILITY LIMITS: Not flammable pH: 7.0 -8.0 (when mixed) SOLUBILITY IN WATER: Completely soluble	
Further specifications	Not applicable	
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 decomposition Products	May release toxic hydrogen sulphide fumes if heated to decomposition	
Specific Data	None known	

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Section 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 skin irritation in some individuals
Summaries data	Not available
Format	Not available
Section 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
Section 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	
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 <ul style="list-style-type: none"> • Regulations 11-27, 7, 8, 10, 32-45, 50-51 Identification Regulations <ul style="list-style-type: none"> • Regulations 6,7, 32-35,36(1)-(7) • Regulations 25, 29-31,37-39, 47-50, 51,52

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	<p>Packaging Regulations</p> <ul style="list-style-type: none"> • Regulations 5,6,7(1),8, 9 • Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> • Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> • Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> • Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> • Not applicable
Symbols:	<div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>Optional not required</p>
Risk phrases:	<p>R25 – Toxic if swallowed</p> <p>R36 - Irritating to eyes</p> <p>Or combination risk phrases as appropriate</p>
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 substance/mixture			
Product Name:	Acid Perm with ester		
Recommended Use	Permanent waving of Hair		
Product description	Liquid 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, 6.5 - Sensidisor 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: 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 Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	PART 1 Thioglycolate ester (e.g. glyceryl thioglycolate)		<99

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	<p><i>Glycerin</i></p> <p>PART 2</p> <p>Reducing agents:</p> <ul style="list-style-type: none"> - <i>ammonium thioglycolate</i> - <i>cysteine HCl</i> <p>Anionic / non-ionic / amphoteric surfactants (e.g. betaine derivatives)</p> <p>Cationic surfactants $\geq C_{12}$ (e.g. <i>dicetyldimonium chloride</i>)</p> <p>Alkalies (e.g. <i>ammonium hydroxide</i> or amines)</p> <p><i>Diammonium dithiodiglycolate</i></p> <p>Silicones (e.g. <i>amodimethicone</i>)</p> <p>Hair conditioning agents (e.g. proteins, polymers)</p> <p>Opacifying agents</p> <p><i>Parfum</i></p> <p><i>Aqua</i></p> <p>pH value of Part 2: 8 - 9.5</p> <p>pH value of Parts 1 and 2 mixed ready-for-use: 6.5 – 9</p>		<p><50</p> <p><5</p> <p><10</p> <p><10</p> <p><5</p> <p><5</p> <p><4</p> <p><3</p> <p><2</p> <p><1</p> <p><1</p> <p>< 100</p>
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aid measures	<p>Swallowed:</p> <p>Eyes:</p> <p>Skin:</p> <p>Inhaled:</p>	<p>If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or the National Poison Information Centre Phone 0800-764766</p> <p>If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor.</p> <p>Do not rub. Rinse with water. Remove contaminated clothing.</p> <p>Remove person to fresh air</p>	
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	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		

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Section 6: Accidental Release Measure	
Procedures to be covered	Dilute small spills with water. Contain and absorb larger spills in 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 Exposure Guidelines (may also be in section 2)	
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Ammonia 17mg/M ³ (25ppm) Hydrogen peroxide 1.4mg/M ³ (1ppm) <i>*New Zealand workplace Exposure Standards</i>
Application in the workplace	Use PPE when handling this product
Exposure Standards outside the workplace	Not applicable
Subsection 2: Engineering Controls	
Hierarchy of controls measures	Ventilation PPE
Exposure control measures	None
No. Hazard indication	Signage recommended  
Ventilation specification	Use in well ventilated areas
Subsection 3: Personal 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 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




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	ACUTE EFFECTS: Swallow: Eye: Skin: Inhaled: CHRONIC EFFECTS:	skin. May cause sensitisation Harmful if swallowed can cause irritation of the gastrointestinal tract. 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.
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Liquid with characteristic odour	
Required Specifications	BOILING POINT: Not determined FLASH POINT: Not applicable VAPOUR PRESSURE: Not determined SPECIFIC GRAVITY: 1.0 – 1.06 g/ml FLAMMABILITY LIMITS: Not flammable pH: 8.0 -9.5 SOLUBILITY IN WATER: Completely soluble	
Further specifications	Not applicable	
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 decomposition Products	May release toxic hydrogen sulphide fumes if heated to decomposition	
Specific Data	None known	
Section 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.	

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	Chronic Effects: Long term or repeated exposure may result in dermatitis.
Summaries data	Not available
Format	Not available
Section 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
Section 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	
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	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, 8 and 9 of control regulations</p> <ul style="list-style-type: none"> • Regulations 11-27, 7, 8, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> • Regulations 6,7, 32-35,36(1)-(7) • Regulations 25, 29-31,37-39, 47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> • Regulations 5,6,7(1),8, 9 • Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> • Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> • Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42

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	<p>Tracking:</p> <ul style="list-style-type: none"> • Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> • Not applicable
Symbols:	<div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>Optional not required</p>
Risk phrases:	<p>R25 – Toxic if swallowed R36 - Irritating to eyes Or combination risk phrases as appropriate</p>
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 2.19 – PERMANENT WAVE NEUTRALISER – Liquid/Cream





Material Safety Data Sheet for Product Use

Section 1: Identification of the substance/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 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 Details	None		
Section 3: 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
	Emulsifying agents, surfactants, wetting agents (e.g. <i>cetearyl alcohol</i>)		8
	<i>Hydrogen peroxide</i>		2 – 6
	Viscosity controlling agents (e.g.		2

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	carbomer) Hair conditioning agents (e.g. silicone) Parfum Cosmetic colorants Hydrogen peroxide stabilising agents (e.g. phenacetin, sodium stannate, oxyquinoline sulfate) Opacifying agents (e.g. styrene/PVP copolymer) Preservatives, antimicrobials Chelating agents pH adjuster (e.g. citric acid) qs pH Aqua		2 1 1 0.5 0.5 0.2 0.2 2.5 - 3.5 to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Do not rub. Rinse with water. Remove contaminated clothing. 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.		
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		
Section 6: Accidental Release Measure			
Procedures to be covered	Dilute small spills with water. Contain and absorb larger spills in inert materials (sand or other absorbent material) Dispose of in accordance with local regulations		
Section 7: Handling and Storage			
Subsection 1			




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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: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Ammonia 17mg/M ³ (25ppm) Hydrogen peroxide 1.4mg/M ³ (1ppm) <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	Use PPE when handling this product	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineering Controls		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	None	
No. Hazard indication	Signage recommended  	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal 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 Eyes: Safety glasses must be worn to avoid product contacting the eyes.  	
Specific route of exposure	Skin, Eyes and Inhalation ACUTE EFFECTS: Swallow: Eye: Skin: Inhaled:	Harmful if swallowed can cause irritation of the gastrointestinal tract. Avoid contact. Corrosive in concentrate form. Avoid contact. May cause skin irritation Inhalation of vapours may cause

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	CHRONIC EFFECTS:	irritation of nose and throat. Long term or repeated exposure may result in skin irritation in some individuals
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Liquid with characteristic odour	
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: 8.0 -9.5 SOLUBILITY IN WATER: Completely soluble	
Further specifications	Not applicable	
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 decomposition Products	May release toxic hydrogen sulphide fumes if heated to decomposition	
Specific Data	None known	
Section 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	
Section 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	Not required	

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phrases	
Section 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	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, 8 and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6,7, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9 Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not applicable
Symbols:	<div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>Optional not required</p>

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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 Details	None		
Section 3: 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
	Waxes and oils (mineral and vegetable)		80
	Emollients, humectants (e.g. <i>lanolin</i> , <i>cholesterol</i>)		30

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	Anionic / non-ionic / amphoteric surfactants (e.g. <i>polysorbate 60</i>)	15
	Emulsifying agents (e.g. <i>cetyl alcohol</i> , <i>stearyl alcohol</i> , <i>oleyl alcohol</i> and their ethoxylates)	15
	Additional ingredients (e.g. plant extracts)	5
	<i>Sodium hydroxide</i> or <i>potassium hydroxide</i> (professional use)	4.5
	(general use)	2
	Hair conditioning agents (e.g. proteins, polymers)	2
	<i>Parfum</i>	1
	<i>Aqua</i>	to 100
	pH value: 11.0 - 13.5	
	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. 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. Rinse with water. Remove contaminated clothing.
	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.	
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	
Section 6: Accidental Release Measure		
Procedures to be covered	Dilute small spills with water. Contain and absorb larger spills in inert materials (sand or other absorbent material) Dispose of in accordance with local regulations	
Section 7: Handling and Storage		




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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: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: N/a <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	Use PPE when handling this product	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineering Controls		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	None	
No. Hazard indication	Signage recommended <div></div>	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal 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 Eyes: Safety glasses must be worn to avoid product contacting the eyes. <div></div>	
Specific route of exposure	Skin, Eyes and Inhalation ACUTE EFFECTS: Swallow: Eye: Skin: Inhaled:	Harmful if swallowed can cause irritation of the gastrointestinal tract. Avoid contact. Corrosive in concentrate form. Avoid contact. May cause skin irritation Inhalation of vapours may cause irritation of nose and throat.

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	CHRONIC EFFECTS:	Long term or repeated exposure may result in skin irritation in some individuals
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Liquid/cream with characteristic odour	
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: 11.0 - 13.5 SOLUBILITY IN WATER: Completely soluble	
Further specifications	Not applicable	
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 decomposition Products	None known	
Specific Data	None known	
Section 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	
Section 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	

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Section 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	
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 <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51 Identification Regulations <ul style="list-style-type: none"> Regulations 6,7, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 47-50, 51,52 Packaging Regulations <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9 Schedule 3 Disposal Regulations <ul style="list-style-type: none"> Regulations 8, 9, 10, 11, 12, 13, 14 Emergency Management <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42 Tracking: <ul style="list-style-type: none"> Not applicable Approved Handlers: <ul style="list-style-type: none"> Not applicable
Symbols:	  
	Optional not required
Risk phrases:	R25 – Toxic if swallowed

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	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 substance/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 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, 6.5 - Sensitizer 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: 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 Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	CREAM BASE		



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	<i>Calcium hydroxide</i> Waxes and oils (e.g. mineral such as <i>petrolatum</i>) Humectants, emollients (e.g. <i>lanolin</i> , <i>cholesterol</i>) Anionic / non-ionic / amphoteric surfactants (e.g. betaine derivatives) Emulsifying agents (e.g. fatty alcohols and their ethoxylates) Hair conditioning agents (e.g. proteins, polymers) Additional ingredients (e.g. plant extracts) <i>Parfum</i> <i>Aqua</i> pH value: 11 – 13 ACTIVATOR <i>Guanidine carbonate</i> Polymers, resins, hair conditioning agents Additional ingredients (e.g. humectants such as <i>sorbitol</i>) <i>Parfum</i> Cosmetic colorants <i>Aqua</i> pH value: 10 – 13 Mixed with cream base at the time of use to generate an alkaline mix of up to 5 % alkali calculated as <i>calcium hydroxide</i> pH value of cream base and activator mixed prior to use: 11 - 13.5		10 80 30 10 10 5 5 1 to 100 30 5 5 1 1 to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Do not rub. Rinse with water. Remove contaminated clothing. Remove person to fresh air	
Workplace facilities	None required		
Required instructions	None		
Notes for medical	Treat symptomatically. If in eyes, recheck after one week.		

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personal	
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
Section 6: Accidental Release Measure	
Procedures to be covered	Dilute small spills with water. Contain and absorb larger spills in 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 Exposure Guidelines (may also be in section 2)	
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: N/a <i>*New Zealand workplace Exposure Standards</i>
Application in the workplace	Use PPE when handling this product
Exposure Standards outside the workplace	Not applicable
Subsection 2: Engineering Controls	
Hierarchy of controls measures	Ventilation PPE
Exposure control measures	None
No. Hazard indication	Signage recommended  
Ventilation specification	Use in well ventilated areas
Subsection 3: Personal 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




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	Eyes: Safety glasses must be worn during mixing and application to avoid product contacting the eyes.  	
Specific route of exposure	Skin, Eyes and Inhalation ACUTE EFFECTS: Swallow: Eye: Skin: Inhaled: CHRONIC EFFECTS:	Irritant. Avoid contact with eyes and skin. May cause sensitisation Harmful if swallowed can cause irritation of the gastrointestinal tract. 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.
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Liquid/cream with characteristic odour	
Required Specifications	BOILING POINT: Not determined FLASH POINT: Not applicable VAPOUR PRESSURE: Not determined SPECIFIC GRAVITY: 1.0 – 1.06 g/ml FLAMMABILITY LIMITS: Not flammable pH: 11 – 13 (Cream) 10 – 13 (Activator) 11 - 13.5 (Mixed) SOLUBILITY IN WATER: Completely soluble	
Further specifications	Not applicable	
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 decomposition Products	None known	
Specific Data	None known	

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Section 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
Section 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
Section 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	
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 <ul style="list-style-type: none"> • Regulations 11-27, 7, 8, 10, 32-45, 50-51 Identification Regulations <ul style="list-style-type: none"> • Regulations 6,7, 32-35,36(1)-(7) • Regulations 25, 29-31,37-39, 47-50, 51,52

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	<p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9 Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not applicable
Symbols:	<div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>Optional not required</p>
Risk phrases:	<p>R25 – Toxic if swallowed</p> <p>R36 - Irritating to eyes</p> <p>Or combination risk phrases as appropriate</p>
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: Identification of the substance/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 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 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 Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	Emulsifying agents, surfactants (e.g. ethoxylated fatty alcohols)		15
	Reducing agent : <i>ammonium thiolactate</i>		10
	Alkalies (e.g. <i>ammonium hydroxide</i> or		7

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	amines) Polymers, hair conditioning agents (e.g. long-chain quaternary ammonium compounds) Additional ingredients (e.g. plant extracts) <i>Parfum</i> Cosmetic colorants <i>Aqua</i> pH value: 7 - 9.5		5 5 1 1 to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Do not rub. Rinse with water. Remove contaminated clothing. 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.		
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		
Section 6: Accidental Release Measure			
Procedures to be covered	Dilute small spills with water. Contain and absorb larger spills in 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			




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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: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Ammonia 17mg/M ³ (25ppm) <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	Use PPE when handling this product	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineering Controls		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	None	
No. Hazard indication	Signage recommended <div></div>	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal 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 Eyes: Safety glasses must be worn to avoid product contacting the eyes. <div></div>	
Specific route of exposure	Skin, Eyes and Inhalation ACUTE EFFECTS: Swallow: Eye: Skin: Inhaled: CHRONIC EFFECTS:	Harmful if swallowed can cause irritation of the gastrointestinal tract. Avoid contact. Corrosive in concentrate form. Avoid contact. May cause skin irritation Inhalation of vapours may cause irritation of nose and throat. Long term or repeated exposure may

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		result in skin irritation in some individuals
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Liquid with characteristic odour	
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 SOLUBILITY IN WATER: Completely soluble	
Further specifications	Not applicable	
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 decomposition Products	May release toxic hydrogen sulphide fumes if heated to decomposition	
Specific Data	None known	
Section 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	
Section 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	

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Section 13: Disposal Considerations	
Disposal information	<p>Products likely to be used fully prior to disposal by end users</p> <p>Bulk or surplus products:</p> <p>Must be disposed of in accordance with local regulations to a lined landfill or in accordance with normal commercial disposal procedures</p>
Relevant information	
Section 14: Transport Information	
Relevant Information	<p>Display UN Classes 6, 8 and 9 in documentation</p> <p>Comply with land transport maximum package quantities</p> <p>Packaging Group III</p> <p>Label outer packaging with UN Classes and product identification only</p> <p>Label risks toxic and eco-toxic may be displayed</p>
Other requirements	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, 8 and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6,7, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9 Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not applicable
Symbols:	<div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>Optional not required</p>
Risk phrases:	<p>R25 – Toxic if swallowed</p> <p>R36 - Irritating to eyes</p>

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	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 1: Identification of the substance/mixture			
Product Name:	Temporary Hair Colour (Wash in shampoo)		
Recommended Use	Hair Colour (wash in type)		
Product description	Cream or 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 6.1D Acutely Toxic Classification Category 6.4 – eye irritant 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: Can cause irritation of the gastrointestinal tract Eye: Eye contact can cause irritation Skin: No adverse affects noted		
Required identification Details	Avoid contact with eyes		
Section 3: Composition/information on ingredients			
Classification and type	Classes 6.1 and 9.1 Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	Anionic surfactants (e.g. <i>TEA-lauryl sulfate</i> , <i>TEA-laureth sulfate</i>)		10
	Amphoteric surfactants (e.g. betaine derivatives)		5
	Non-ionic surfactants (e.g. fatty alkanolamides)		5
	Humectants (e.g. PEG)		5
	Additional ingredients (e.g. plant extracts, protein derivatives)		5
	Hair dyeing agents		3
	<i>Parfum</i>		1

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	Preservatives, antimicrobials <i>Aqua</i>		1 to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Wash affected area with water. If irritation develops seek medical advice. Remove person to fresh air.	
Workplace facilities	Availability of water for rinsing of eyes or skin		
Required instructions	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Wash affected area with water. If irritation develops seek medical advice. Remove person to fresh air.	
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.		
Section 5: Fire-Fighting measure			
Type of hazard	Not Flammable		
Fire hazard properties	Not applicable		
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 for prolonged periods. Disposable gloves must not be	

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	<p>latex (not required for casual or intermittent use)</p> <p>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)</p> <p>Flammability: Product is not flammable</p>
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	
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)	
Workplace exposure standards	<p>EXPOSURE LIMITS: NZOSH*</p> <p>CHEMICAL NAME: N/a</p> <p><i>*New Zealand workplace Exposure Standards</i></p>
Application in the workplace	Not applicable
Exposure Standards outside the workplace	Not applicable
Subsection 2: Engineering Controls	
Hierarchy of controls measures	None
Exposure control measures	None
No Hazard indication	<p>No Hazard indication is required but signage recommended</p> <div style="text-align: center;">  </div>
Ventilation specification	Normal use
Subsection 3: Personal Protective Equipment (PPE)	
Detail specifications for equipment	<p>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)</p> <p>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)</p> <div style="text-align: center;">   </div>

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Specific route of exposure	<p>Skin and Eyes</p> <p>ACUTE EFFECTS: Swallow:</p> <p>Eye: Skin: Inhaled:</p> <p>CHRONIC EFFECTS:</p>	<p>Harmful if swallowed. Product may cause irritation of the gastrointestinal tract. Corrosive to the eye. Avoid contact. Prolonged skin contact may cause skin irritation. None</p> <p>Some aromatic amine dyes may cause contact dermatitis and allergic reactions in some individuals.</p>
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: Liquid shampoo
Required Specifications	<p>BOILING POINT: Not Determined FLASH POINT: Not flammable VAPOUR PRESSURE: Not Determined SPECIFIC GRAVITY: 0.98 - 1.0g/mL FLAMMABILITY LIMITS: Not Applicable pH: 7.0 – 7.5 SOLUBILITY IN WATER: Completely soluble</p>
Further specifications	Not applicable
Specific advice	Not applicable

Section 10: Stability and Reactivity

Stability of the substance	Product is stable
Conditions to Avoid	Not applicable
Material to avoid	Not applicable
Hazardous decomposition Products	None known
Specific Data	None known


Section 11: Toxicological Information

Data and interpretation	<p>Harmful if swallowed. Product 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</p>
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	allergic reactions in some individuals.
Summaries data	Not available
Format	Not available
Section 12: Ecotoxicity Information	
Potential Environmental Interactions	Eco-toxic to animals and marine life in large volume spills. Minimum risk in consumer packaged products and in normal retail delivery volumes
Data Organisation	All classes of terrestrial vertebrate and aquatic organisations Classes 6.3B, 9.1D and 9.3C
Environmental risk phrases	Not required
Section 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 Bulk disposal must be in accordance with local regulatory requirements 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 Label may show risks eco-toxic
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 <ul style="list-style-type: none"> Regulations 11-27, 7, 10, 32-45, 50-51 Identification Regulations <ul style="list-style-type: none"> Regulations 6,7,32-35,36(1)-(7) Regulations 25, 29-31,37-39,47-50, 51,52 Packaging Regulations <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9, 13 Schedule 3 Disposal Regulations <ul style="list-style-type: none"> Regulations 8, 9, 10, 11, 12, 13, 14 Emergency Management <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-29,

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	<p style="text-align: right;">25-34, 35-41, 42</p> <p>Tracking:</p> <ul style="list-style-type: none"> • Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> • Not applicable <p>Transport Standard</p> <ul style="list-style-type: none"> • Not applicable
Symbols:	<div style="text-align: center;">  </div> <p>Optional not required</p>
Risk phrases:	<p>R22 - Harmful if swallowed</p> <p>R36 - Irritating to eyes</p> <p>Or combination risk phrases as appropriate</p>
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 substance/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 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 Classification Category 6.4 – eye irritant 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: Can cause irritation of the gastrointestinal tract Eye: Eye contact can cause irritation Skin: No adverse affects noted		
Required identification Details	Avoid contact with eyes		
Section 3: Composition/information on ingredients			
Classification and type	Classes 6.1 and 9.1 Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	Ethanol (<i>alcohol, alcohol denat.</i>)		60
	Additional ingredients (e.g. plant extracts, protein derivatives)		5
	Polymers, resins (e.g. <i>acrylates copolymer, carbomer</i>)		4
	Hair dyeing agents		1
	Preservatives, antimicrobials		1
	Surfactants (e.g. cationic such as <i>cetrimonium chloride</i>)		0.2

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	Neutralising agent (e.g. <i>aminomethyl propanol</i> or organic acid such as <i>citric acid</i> or <i>triethanolamine</i>) <i>Aqua</i> For aerosol products: propellants (e.g. hydrocarbons)	qs pH 3 – 9 to 100 10
	Other ingredients determined not to be hazardous	to 100

Section 4: First Aid Measure

Description of necessary first aid measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Wash affected area with water. If irritation develops seek medical advice. Remove person to fresh air.
Workplace facilities	Availability of water for rinsing of eyes or skin	
Required instructions	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Wash affected area with water. If irritation develops seek medical advice. Remove person to fresh air.
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.	

Section 5: Fire-Fighting measure


Type of hazard	Not Flammable
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

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Subsection 1	
Handling Practices	<p>Skin: Gloves (vinyl, rubber or plastic) must be worn when handling this product in large quantise or for prolonged periods. Disposable gloves must not be latex (not required for casual or intermittent use)</p> <p>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)</p> <p>Flammability: Product is not flammable</p>
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	
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)	
Workplace exposure standards	<p>EXPOSURE LIMITS: NZOSH*</p> <p>CHEMICAL NAME: N/a</p> <p><i>*New Zealand workplace Exposure Standards</i></p>
Application in the workplace	Not applicable
Exposure Standards outside the workplace	Not applicable
Subsection 2: Engineering Controls	
Hierarchy of controls measures	None
Exposure control measures	None
No Hazard indication	<p>No Hazard indication is required but signage recommended</p> <div style="text-align: center;">  </div>
Ventilation specification	Normal use
Subsection 3: Personal Protective Equipment (PPE)	
Detail specifications for equipment	<p>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)</p> <p>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)</p>


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Specific route of exposure	<p>Skin and Eyes</p> <p>ACUTE EFFECTS: Swallow:</p> <p>Eye: Skin: Inhaled:</p> <p>CHRONIC EFFECTS:</p>	<p>Harmful if swallowed. Product may cause irritation of the gastrointestinal tract.</p> <p>Corrosive to the eye. Avoid contact. Prolonged skin contact may cause skin irritation.</p> <p>None</p> <p>Some aromatic amine dyes may cause contact dermatitis and allergic reactions in some individuals.</p>
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: Liquid Cream - Mousse	
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	
Further specifications	Not applicable	
Specific advice	Not applicable	
Section 10: Stability and Reactivity		
Stability of the substance	Product is stable	
Conditions to Avoid	Not applicable	
Material to avoid	Not applicable	
Hazardous decomposition Products	None known	
Specific Data	None known	
Section 11: Toxicological Information		
Data and interpretation	Harmful if swallowed. Product may cause irritation of the gastrointestinal tract.	

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	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
Section 12: Ecotoxicity Information	
Potential Environmental Interactions	Eco-toxic to animals and marine life in large volume spills. Minimum risk in consumer packaged products and in normal retail delivery volumes
Data Organisation	All classes of terrestrial vertebrate and aquatic organisations Classes 6.3B, 9.1D and 9.3C
Environmental risk phrases	Not required
Section 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	
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 <ul style="list-style-type: none"> Regulations 11-27, 7, 10, 32-45, 50-51 Identification Regulations <ul style="list-style-type: none"> Regulations 6,7,32-35,36(1)-(7) Regulations 25, 29-31,37-39,47-50, 51,52 Packaging Regulations <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9, 13 Schedule 3 Disposal Regulations

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

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 Details	Poison, Avoid contact with skin		
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



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	Ethanol and/or isopropanol (<i>alcohol, alcohol denat., isopropyl alcohol</i>) Emulsifying agents (e.g. laureth) Anionic / non-ionic / amphoteric surfactants (e.g. ether of oleyl alcohol) Hair dyeing agents Solvents (e.g. <i>propylene glycol, benzyl alcohol</i> , glycol ethers such as <i>butoxydiglycol</i>) Cationic surfactants $\geq C_{12}$ (e.g. <i>dicetyldimonium chloride</i>) Additional ingredients (e.g. plant extracts, protein derivatives) Soaps (e.g. lauric soap) Hair conditioning agents (e.g. silicone oil) Resins (e.g. <i>acrylates copolymer</i>) Viscosity controlling agents (e.g. cellulose derivatives) <i>Parfum</i> Preservatives, antimicrobials Neutralising agent (e.g. <i>aminomethyl propanol</i> or <i>ethanolamine</i> or <i>ammonium hydroxide</i>) <i>Aqua</i> For aerosol products: propellants (e.g. hydrocarbons)	50 11 10 10 10 5 5 5 5 3 2 1 1 qs pH 6 – 10 to 100 10
	Other ingredients determined not to be hazardous	to 100
Section 4: First Aid Measure		
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Wash affected area with water. If irritation develops seek medical advice. Remove person to fresh air.
Workplace facilities	Availability of water for rinsing of eyes or skin	
Required instructions		
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.	
Section 5: Fire-Fighting measure		
Type of hazard	Flammable	
Fire hazard properties	If spilled or ruptured will increase the intensity of fire	
Extinguishing media & methods	The material is not flammable. In case of fire, water, water fog, dry chemical, CO ₂ or foam can be used.	

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	Cool adjacent containers										
Recommended Protective Clothing	Not required										
Section 6: Accidental Release Measure											
Procedures to be covered	Remove possible leaking containers. Remove all ignition sources and ventilate area. Dilute small spills with water. For larger spills dilute with water 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	<p>Skin: Gloves (vinyl, rubber or plastic) must be worn when handling this product or mixture. Disposable gloves must not be latex</p> <p>Eyes: Eye protection should be worn (safety glasses) to avoid product contacting the eyes.</p> <p>Flammability: Flammable – Keep away from heat, flame or ignition sources</p>										
Subsection 2											
Store site requirements	Store product in a cool place out of sun and away from food stuffs. Store away from corrosive and oxidising products. Store in accordance with the 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										
Section 8: Exposure Control/Personal Protection											
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)											
Workplace exposure standards	<p>EXPOSURE LIMITS: NZOSH*</p> <p>CHEMICAL NAME:</p> <table> <tr> <td>Ethyl alcohol</td><td>1880mg/m³ (1000ppm)</td></tr> <tr> <td>Or</td><td></td></tr> <tr> <td>Isopropyl alcohol</td><td>983mg/m³ (400ppm)</td></tr> <tr> <td>Ammonia</td><td>17mg/m³ (25ppm)</td></tr> <tr> <td>Ethanolamine</td><td>7.5mg/m³ (3ppm)</td></tr> </table> <p><i>*New Zealand workplace Exposure Standards</i></p>	Ethyl alcohol	1880mg/m ³ (1000ppm)	Or		Isopropyl alcohol	983mg/m ³ (400ppm)	Ammonia	17mg/m ³ (25ppm)	Ethanolamine	7.5mg/m ³ (3ppm)
Ethyl alcohol	1880mg/m ³ (1000ppm)										
Or											
Isopropyl alcohol	983mg/m ³ (400ppm)										
Ammonia	17mg/m ³ (25ppm)										
Ethanolamine	7.5mg/m ³ (3ppm)										
Application in the workplace	<p>Warnings:</p> <p>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</p>										

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	eyebrows.	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineering Controls		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	None	
No. Hazard indication	Hazard indication 3 is required but other signage recommended 	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal 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 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	<p>Skin, Eyes and Inhalation</p> <p>ACUTE EFFECTS: Swallow:</p> <p>Eye: Skin:</p> <p>Inhaled:</p> <p>CHRONIC EFFECTS:</p>	<p>Harmful if swallowed. Product may cause irritation of the gastrointestinal tract.</p> <p>Corrosive to the eye.</p> <p>Avoid contact. Prolonged skin contact may cause skin irritation.</p> <p>At relatively high vapour concentrations ethyl or isopropyl alcohol are irritants to the nose and throat and may cause central nervous system depression.</p> <p>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.</p>








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		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 directly contaminated.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Coloured liquid with ammonia 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	
Section 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	
Section 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	

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Section 12: Ecotoxicity Information	
Potential Environmental Interactions	Eco-toxic to animals and marine life in large volume spills. Minimum 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
Section 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 treated wastewater systems
Relevant information	Dispose of to lined landfill or approved incineration system
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 <div style="display: flex; justify-content: center; align-items: center; gap: 20px;"> </div>
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 <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 - 70 Identification Regulations <ul style="list-style-type: none"> Regulations 6,7,11, 32-35,36(1)-(7) Regulations 25, 29-31,37-39,47-50, 51,52 Packaging Regulations <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9, 11, 13

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	<ul style="list-style-type: none"> Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 6, 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not applicable <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not applicable <p>Transport Standard</p> <ul style="list-style-type: none"> NZS: 5433 1999
Symbols:	<div style="display: flex; align-items: center;">   <div style="margin-left: 10px;">UN/HSNO 3 is required</div> </div> <div style="display: flex; align-items: center; margin-top: 10px;">      </div>
Risk phrases:	<p>R10 - Flammable</p> <p>R25 – Toxic if swallowed</p> <p>R37 - Irritating to respiratory system</p> <p>R41 - Risk of serious damage to eyes</p> <p>Or combination risk phrases as appropriate</p>
Safety phrases	<p>S2 Keep out of reach of children</p> <p>S46 If swallowed, seek medical advice immediately and show container or label</p> <p>Or safety phrases consistent with the necessary safety warning</p>
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 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	<p>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</p> <p>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.</p>		
Required identification Details	Poison		
Section 3: 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







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	<p>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.</p> <p>PART I</p> <p>Anionic / non-ionic / amphoteric surfactants (e.g. <i>ammonium laureth sulfate, laureth-12</i>)</p> <p>Emulsifying agents (e.g. ethoxylated fatty alcohols)</p> <p>Soaps (e.g. <i>ammonium hydroxide/ethanolamine oleates</i>)</p> <p>Solvents (e.g. <i>propylene glycol, benzyl alcohol</i>, glycol ethers such as <i>butoxydiglycol</i>)</p> <p>Ethanol and/or isopropanol (<i>alcohol, alcohol denat., isopropyl alcohol</i>)</p> <p>Hair dyeing agents</p> <p>Alkaline agents (e.g. <i>ammonium hydroxide*, ethanolamine</i>)</p> <p>Viscosity controlling agents (e.g. <i>carbomer</i>, fatty alcohols)</p> <p>Cationic surfactants $\geq C_{12}$ (e.g. <i>dicetyldimonium chloride, PEG-2 oleamine</i>)</p> <p>Cationic polymers (e.g. <i>polyquaternium-34</i>)</p> <p>Additional ingredients (e.g. hair conditioning agents, pearlescent agents)</p> <p>Reducing agents (e.g. <i>sodium metabisulfite</i>)</p> <p><i>Parfum</i></p> <p>Chelating agents (e.g. <i>EDTA</i>)</p> <p><i>Aqua</i></p> <p>pH value: 8 - 11.5</p> <p>* maximum concentration of <i>ammonium hydroxide</i> permitted is 6 %</p> <p>PART II</p> <p><i>Hydrogen peroxide</i></p> <p>Surfactants, emulsifying agents (e.g. ethoxylated fatty alcohols)</p> <p>Humectants (e.g. <i>glycerin</i>)</p> <p>Chelating agents</p> <p>Hydrogen peroxide stabilising agents (e.g. <i>sodium stannate, phenacetin</i>)</p> <p>pH adjuster (e.g. <i>phosphoric acid</i>)</p> <p><i>Aqua</i></p>		<p>60</p> <p>30</p> <p>30</p> <p>20</p> <p>16</p> <p>12</p> <p>10</p> <p>10</p> <p>5</p> <p>5</p> <p>5</p> <p>3</p> <p>2</p> <p>1</p> <p>to 100</p> <p>12</p> <p>10</p> <p>5</p> <p>0.5</p> <p>0.5</p> <p>qs pH 2 – 3</p> <p>to 100</p>
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	pH value of Part I and Part II mixed prior to use: 8 - 11.5		
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water. Contact a doctor or 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. Remove contaminated clothing and wash affected area with water. If irritation develops seek medical advice. Remove person to fresh air.	
Workplace facilities	Availability of water for rinsing of eyes or skin		
Required instructions		Appropriate warning and Safety notice	
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.		
Section 5: Fire-Fighting measure			
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 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. 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			
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		

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	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	
Section 8: Exposure Control/Personal Protection		
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Hydrogen peroxide 1.4mg/m ³ (1ppm) <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	None applicable	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineering Controls		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	None	
No. Hazard indication	No Hazard indication is required but signage recommended <div></div>	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal 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 must be worn (safety glasses) to avoid accidental splashes into eyes. Inhalation: Universal mask should be worn when mixing or applying on a continuing basis <div></div>	
Specific route of exposure	Skin, Eyes and Inhalation	

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	ACUTE EFFECTS: Swallow: Eye: Skin: Inhaled: CHRONIC EFFECTS:	Severe systemic poisoning, may cause headaches, dizziness, vomiting diarrhoea, tremors, numbness, convulsions, pulmonary oedema, unconsciousness and shock. Eye contact may cause ulceration of the cornea. The appearance of eye damage may be delayed Avoid contact. Temporary whitening or bleaching of the skin may occur. Irritation and formation of blisters may also occur. Exposure to high vapour concentration may cause irritation of nose and throat. Long term skin contact may cause dermatitis
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: Low viscosity liquid
Required Specifications	BOILING POINT: 100°C FLASH POINT: Not flammable VAPOUR PRESSURE: Not Determined SPECIFIC GRAVITY: 1.02 - 1.05 g/mL FLAMMABILITY LIMITS: Not Applicable pH: 8 - 11.5 SOLUBILITY IN WATER: Miscible
Further specifications	Not applicable
Specific advice	Not applicable

Section 10: Stability and Reactivity

Stability of the substance	Product is stable
Conditions to Avoid	Heat
Material to avoid	Combustible materials such as paper, wood or cardboard. Flammable, corrosive or oxidising materials
Hazardous decomposition Products	None known
Specific Data	None known




Section 11: Toxicological Information

Data and interpretation	Swallow: Severe systemic poisoning. May cause headaches,
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	<p>dizziness, vomiting diarrhoea, tremors, numbness, convulsions, pulmonary oedema, unconsciousness and shock.</p> <p>Eye: Eye contact may cause ulceration of the cornea. The appearance of eye damage may be delayed</p> <p>Skin: Avoid contact. Temporary whitening or bleaching of the skin may occur. Irritation and formation of blisters may also occur.</p> <p>Inhaled: Exposure to high vapour concentration may cause irritation of nose and throat.</p> <p>Long term skin contact may cause dermatitis</p>
Summaries data	Not available
Format	Not available
Section 12: Ecotoxicity Information	
Potential Environmental Interactions	Eco-toxic to animals and marine life in large volume spills. Minimum risk in user packaged products and in normal retail delivery volumes
Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk phrases	Not required
Section 13: Disposal Considerations	
Disposal information	<p>Use is expected to be complete from packaged product</p> <p>Must not be disposed of through untreated drains or storm water systems.</p> <p>Surplus contents may be rinsed to treated wastewater systems</p> <p>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 disposal procedures</p>
Relevant information	Do not reseal single use products
Section 14: Transport Information	
Relevant Information	<p>Display UN Classes 6 and 9 in documentation</p> <p>Comply with land transport maximum package quantise</p> <p>Packaging Group III</p> <p>Label outer packaging with UN Classes and product identification</p>
Other requirements	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, 8 and 9 of control regulations</p> <ul style="list-style-type: none"> • Regulations 11-27, 7, 10, 32-45, 50-51 <p>Identification Regulations</p>

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	<ul style="list-style-type: none"> • Regulations 6,7, 32-35,36(1)-(7) • Regulations 8, 9, 25, 29-31,37-39, 40, 41, 46, 47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> • Regulations 5,6,7(1),8, 9, 13, 17, 20 • Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> • Regulations 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> • Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> • 4(1), 5, 6 <p>Approved Handlers:</p> <ul style="list-style-type: none"> • Not applicable
Symbols:	<div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>Optional but recommended</p>
Risk phrases:	<p>R8 - Contact with combustible material may cause fire</p> <p>R25 – Toxic if swallowed</p> <p>R36 – Irritating to eyes</p> <p>R37 - Irritating to respiratory system</p> <p>R38 – Irritating to skin</p> <p>Or combination risk phrases as appropriate</p>
Safety phrases	<p>S2 Keep out of reach of children</p> <p>S46 If swallowed, seek medical advice immediately and show container or label</p>
Section 16: Other Information	
Additional Information	<p>Solutions containing hydrogen peroxide and bleach powders 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)</p> <p>Should this occur, remove mixture from hair by rinsing at the basin!</p> <p>Do not mix with perm lotions</p>

Appendix 2.27 – Hair Colour Restorer



Material Safety Data Sheet for Product Use

Section 1: Identification of the substance/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 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 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 – Low toxicity by the oral route. May cause irritation of the gastrointestinal tract. Eye: Splashes in the eye may cause immediate stinging sensation and tears. Skin: No appreciable irritation of the skin is expected Inhaled: No appreciable effect at mixed concentrations		
Required identification Details	None required		
Section 3: Composition/information on ingredients			
Classification and type	Classes 6.1D, 6.4, and 9.1 Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	Waxes (e.g. <i>petrolatum</i> , <i>cetearyl alcohol</i>)		35
	Oils (e.g. <i>paraffinum liquidum</i>)		20
	Humectants (e.g. <i>sorbitol</i> , <i>glycerin</i>)		10
	Emulsifying agents (e.g. <i>ceteth-12</i> , <i>sorbitan sesquioleate</i>)		10
	<i>Sulfur</i>		3
	<i>Parfum</i>		1
	<i>Lead acetate</i>		0.6

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	Aqua		calculated as lead to 100
	Other ingredients determined not to be hazardous		to 100
Section 4: First Aid Measure			
Description of necessary first aide measures	Swallowed: Eyes: Skin: Inhaled:	If swallowed do not induce vomiting. Give a glass of water If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists. Wash affected area with water. Removed contaminated clothing and wash before reuse Remove person to fresh air.	
Workplace facilities	None required		
Required instructions			
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.		
Section 5: Fire-Fighting measure			
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 & 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 covered	Remove possible leaking containers. 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.		
Section 7: Handling and Storage			
Subsection 1			
Handling Practices	Normal handling practices		
Subsection 2			
Store site requirements	Store product upright in a cool place out of direct sunlight and away from food stuffs.		
Packaging	General Packaging Requirements HSNO P1 & P3		
Section 8: Exposure Control/Personal Protection			
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)			


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

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	FLAMMABILITY LIMITS: Not flammable pH: Not Determined SOLUBILITY IN WATER: Minsible
Further specifications	Not applicable
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 known
Hazardous decomposition Products	None known
Specific Data	None known
Section 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 Prolonged or repeated skin contact may result in dermatitis.
Summaries data	Not available
Format	Not available
Section 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 while in final form.
Data Organisation	All classes of aquatic organisations Classes 9.1D
Environmental risk phrases	Not required
Section 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 accordance with normal commercial disposal procedures
Relevant information	
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	

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Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 – 70, 81, 83, 84,85 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6,7,11, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 43, 47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9, 11, 13 Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 6, 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not required <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not applicable <p>Transport Standard</p> <ul style="list-style-type: none"> Not applicable
Symbols:	 <p>Optional not required</p>
Risk phrases:	<p>R25 – Toxic if swallowed</p> <p>R36 - Irritating to eyes</p> <p>Or combination risk phrases as appropriate</p>
Safety phrases	<p>S2 – Keep out of reach of children</p>
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 substance/mixture			
Product Name:	Hair Dye Remover		
Recommended Use	Hair Dye removal		
Product description	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 6.1D – Mildly toxic, 6.4 – Eye Irritant, 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 – Low toxicity by oral route Eye: Splashes in the eye may cause immediate stinging sensation and tears. Skin: May provide irritation to skin when unmixed and allowed to remain on skin for prolonged periods Inhaled: No appreciable effect at mixed concentrations		
Required identification Details	None required		
Section 3: Composition/information on ingredients			
Classification and type	Classes 6.1D, 6.4, and 9.1 Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	PHASE 1 (pH 1.5 - 2) Acid: <i>citric acid</i> <i>Aqua</i>		13 to 100
	PHASE 2 (pH 10 - 11) Reducing agent (e.g. <i>sodium hydroxymethane sulfonate</i>) <i>Aqua</i>		20 to 100

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	Phases 1 and 2 are mixed immediately before use.		
	Other ingredients determined not to be hazardous	to 100	
Section 4: First Aid Measure			
Description of necessary first aid 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:	Remove person to fresh air.	
Workplace facilities	None required		
Required instructions			
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.		
Section 5: Fire-Fighting measure			
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 & 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 covered	Remove possible leaking containers. 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.		
Section 7: Handling and Storage			
Subsection 1			
Handling Practices	Normal handling practices		
Subsection 2			
Store site requirements	Store product upright in a cool place out of direct sunlight and away from food stuffs.		
Packaging	General Packaging Requirements HSNO P1 & P3		
Section 8: Exposure Control/Personal Protection			
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)			

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Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: None required <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace	None required	
Exposure Standards outside the workplace	Not applicable	
Subsection 2: Engineering Controls		
Hierarchy of controls measures	Ventilation PPE	
Exposure control measures	Keep away from direct heat or flame	
No. Hazard indication	Hazard signage recommended 	
Ventilation specification	Use in well ventilated areas	
Subsection 3: Personal Protective Equipment (PPE)		
Detail specifications for equipment	Protect eyes when using in quantity 	
Specific route of exposure	Skin, Eyes and Inhalation ACUTE EFFECTS: Swallow: Eye: Skin: Inhaled: CHRONIC EFFECTS:	Low toxicity by the oral route. May cause irritation of the gastrointestinal tract. Contact may irritate eye Prolonged and repeated skin contact should be avoided Unlikely to provide inhalation vapours Prolonged or repeated skin contact may result in dermatitis.
General Hygiene	Wash or rinse any exposure from skin.	
Section 9: Physical and Chemical Properties		
Specific Data for the product not the individual components	APPEARANCE: Cream or liquid	
Required Specifications	BOILING POINT: Not determined FLASH POINT: Not flammable VAPOUR PRESSURE: Not determined SPECIFIC GRAVITY: Not determined	

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	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
Section 10: Stability and Reactivity	
Stability of the substance	Product is stable
Conditions to Avoid	Not applicable
Material to avoid	None known
Hazardous decomposition Products	None known
Specific Data	None known
Section 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 Prolonged or repeated skin contact may result in dermatitis.
Summaries data	Not available
Format	Not available
Section 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 while in final form.
Data Organisation	All classes of aquatic organisms Classes 9.1D
Environmental risk phrases	Not required
Section 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 accordance with normal commercial disposal procedures
Relevant information	
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	

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Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, and 9 of control regulations</p> <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51,55, 58, 59, 60 – 70, 81, 83, 84,85 <p>Identification Regulations</p> <ul style="list-style-type: none"> Regulations 6,7,11, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 43, 47-50, 51,52 <p>Packaging Regulations</p> <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9, 11, 13 Schedule 3 <p>Disposal Regulations</p> <ul style="list-style-type: none"> Regulations 6, 8, 9, 10, 11, 12, 13, 14 <p>Emergency Management</p> <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8c, 8e, 8f, 12-16, 18-29, 25-34, 35-41, 42 <p>Tracking:</p> <ul style="list-style-type: none"> Not required <p>Approved Handlers:</p> <ul style="list-style-type: none"> Not applicable <p>Transport Standard</p> <ul style="list-style-type: none"> Not applicable
Symbols:	<div style="text-align: center;"> </div> <p style="text-align: right;">Optional not required</p>
Risk phrases:	<p>R36 - Irritating to eyes</p> <p>Or combination risk phrases as appropriate</p>
Safety phrases	<p>S2 – Keep out of reach of children</p>
Section 16: Other Information	
Additional Information	<p>No additional information available</p>

Appendix 2.29 - Hair Bleach Powders & Bleaching Solutions

Material Safety Data Sheet for Product Use

Section 1: Identification of the substance/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 solution 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, 6.5 – Skin sensitizer 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. 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.		
Required identification Details	None		
Section 3: Composition/information on ingredients			
Classification and type	Classes 3.1, 6.1D, 6.4, 6.5, and 9.1 Schedule 6 Minimum Degrees of Hazard – Interpretation 2 J (ii)		
Mixture	Ingredient	CAS No	% W/W
	POWDER (mixed with <i>aqua</i> for use		







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

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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 in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor.
	Skin:	Removed contaminated clothing and wash skin thoroughly with water.
	Inhaled:	Remove person to fresh air and see a Doctor
Workplace facilities	None required	
Required instructions		
Notes for medical personal	Treat symptomatically. If in eyes, recheck after one week.	
Section 5: Fire-Fighting measure		
Type of hazard	Not Flammable. When mixed with peroxide can start a fire if spilled on combustible 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 or ammonia, sulfates and oxides of nitrogen and potassium.	
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 is required	
Section 6: Accidental Release Measure		
Procedures to be covered	Avoid creating dust. Collect into clean plastic containers and dispose of in accordance with local regulations. Wipe area with wet mop/cloth	
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 heat and direct sunlight. Store away from corrosive, combustible and flammable products.	
Packaging	General Packaging Requirements HSNO P1 & P3	
Section 8: Exposure Control/Personal Protection		
Subsection 1: Workplace Exposure Guidelines (may also be in section 2)		
Workplace exposure standards	EXPOSURE LIMITS: NZOSH* CHEMICAL NAME: Amorphous fumed silica (respirable dust) 2mg/M3	




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

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Specific Data for the product not the individual components	APPEARANCE: Fine to granular powder
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
Section 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 decomposition Products	On decomposition can release fumes or ammonia, sulfates and oxides of nitrogen and potassium.
Specific Data	None known
Section 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
Section 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 organisms Classes 9.1D
Environmental risk phrases	Not required
Section 13: Disposal Considerations	
Disposal information	Products likely to be used fully prior to disposal by users. Bulk or surplus products:

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	Must be disposed of in accordance with local regulations to a lined landfill or in accordance with normal commercial procedures
Relevant information	
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	
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 <ul style="list-style-type: none"> Regulations 11-27, 7, 8, 10, 32-45, 50-51,55 Identification Regulations <ul style="list-style-type: none"> Regulations 6,7, 32-35,36(1)-(7) Regulations 25, 29-31,37-39, 47-50, 51,52 Packaging Regulations <ul style="list-style-type: none"> Regulations 5,6,7(1),8, 9 Schedule 3 Disposal Regulations <ul style="list-style-type: none"> Regulations 8, 9, 10, 11, 12, 13, 14 Emergency Management <ul style="list-style-type: none"> Regulations 6,7,9-11, 8a, 8e, 8f, 12-16, 18-20, 25-34, 35-41, 42 Tracking: <ul style="list-style-type: none"> Not applicable Approved Handlers: <ul style="list-style-type: none"> Not applicable
Symbols:	<div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>Optional not required</p>
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

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Section 16: Other Information									
Additional Information	<p>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!</p> <p>Do not mix with perm lotions.</p> <p>Skin sensitivity test: follow manufacturers instructions</p>								
	Other ingredients determined not to be hazardous to 100								
Section 4: First Aid Measure									
Description of necessary first aid measures	<table border="1"> <tr> <td>Swallowed:</td><td>If swallowed do not induce vomiting. Give a glass of water. Seek medical attention or phone the National Poison Information centre. Phone 0800-764766</td></tr> <tr> <td>Eyes:</td><td>If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor if pain persists.</td></tr> <tr> <td>Skin:</td><td>Wash affected area with water.</td></tr> <tr> <td>Inhaled:</td><td>Not applicable</td></tr> </table>	Swallowed:	If swallowed do not induce vomiting. Give a glass of water. Seek medical attention or phone 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 if pain persists.	Skin:	Wash affected area with water.	Inhaled:	Not applicable
Swallowed:	If swallowed do not induce vomiting. Give a glass of water. Seek medical attention or phone 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 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-Fighting measure									
Type of hazard	Not Flammable								
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								
Section 6: Accidental Release Measure									
Procedures to be covered	<p>Spills may are slippery. Dilute and mop up minor spills</p> <p>Contain and absorb larger spills in inert materials (sand or vermiculate)</p> <p>Dispose of in accordance with local regulations</p>								
Section 7: Handling and Storage									
Subsection 1									
Handling Practices	No special handling requirements								
Subsection 2									
Store site requirements	Store product in a cool place out of sun and away from food stuffs.								

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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	EXPOSURE LIMITS: NZOSH* None <i>*New Zealand workplace Exposure Standards</i>	
Application in the workplace		
Exposure Standards outside the workplace	Not applicable	
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	None required	
Specific route of exposure	ACUTE EFFECTS: Swallow: Eye: Skin: Inhaled: CHRONIC EFFECTS:	Oral ingestion may result in mild gastrointestinal irritation with nausea, vomiting or diarrhoea. Mild eye irritant. Instillation into the eyes may result in transient superficial effects similar to those produced by other mild soaps. Skin: Not an irritant. No risk by this route. Some chronic skin conditions may be aggravated by use
General Hygiene	Wash or rinse any exposure from skin.	
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: SOLUBILITY IN WATER:	Cream Not available Not available Not Determined Not determined Not Applicable 4.5 - 7.5 Soluble
Required Specifications	Not applicable	

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Further specifications	Not applicable
Specific advice	Not applicable
Section 10: Stability and Reactivity	
Stability of the substance	Product is stable
Conditions to Avoid	Not applicable
Material to avoid	Not applicable
Hazardous decomposition Products	None known
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.
Summaries data	Not available
Format	Not available
Section 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
Section 13: Disposal Considerations	
Disposal information	Dispose large volumes to lined landfill or approved incineration system according to local regulations and according to normal commercial disposal procedures
Relevant information	
Section 14: Transport Information	
Relevant Information	None required
Other requirements	
Section 15: Regulatory Information	
Regulatory Status	<p>HSNO Regulations</p> <p>The HSNO Approval Number for the Cosmetic Group Standard is HSR002552</p> <p>Classes 6, and 9 of control regulations</p> <ul style="list-style-type: none"> • Regulations 11-27, 7, 10, 32-45, 50-51 <p>Identification Regulations</p> <ul style="list-style-type: none"> • Regulations 6,7,32-35,36(1)-(7) • Regulations 25, 29-31,37-39,47-50, 51,52

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