

DS Rich Repair Anti-Hairbreakage Conditioner

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 22.02.2013, Revision 15.02.2013

Version 01

Page 1 / 6

SECTION 1: Identification of the substance / preparation and of the company

Product identifier	DS Rich Repair Anti-Hairbreakage Conditioner Article number 205582= 300ml / 205583= 750ml / 205585= 3800ml
Relevant identified uses of the substance or mixture and uses advised against	Conditioner
Identified use	Cosmetics
Company	KAO USA Inc.
	Linthicum Heights, MD 21090 / USA Phone 001410-850-7555
Address enquiries to	
Emergency phone Company	CHEMTREC: +1 703 527-3887 (24h)
Safety Data Sheet	sdb@chemiebuero.de

SECTION 2: Hazards identification**Emergency Overview**

Appearance, Odor: viscous, beige
light yellow, characteristic

OSHA Regulatory Status

This product is classified as non-hazardous in accordance to OSHA Standard 29 CFR 1910.1200.

Potential health effects**Potential environmental effects****SECTION 3: Composition / Information on ingredients**

The product is a mixture.

Range [%]	Substance
1 - <2,5	Cetrimonium chloride CAS: 112-02-7

Comment on component parts Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%. For full text of H-statements and R-phrases: see SECTION 16.

SECTION 4: First aid measures

Description of first aid measures	Change soaked clothing.
Inhalation	not applicable
Skin contact	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Do not induce vomiting. Seek medical advice immediately.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically. Forward this sheet to the doctor.

DS Rich Repair Anti-Hairbreakage Conditioner

KAO USA Inc.
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Created: 22.02.2013, Revision 15.02.2013

Version 01

Page 2 / 6

SECTION 5: Fire-fighting measures

Suitable extinguishing media	All extinguishing media are suitable but method must take into account the surrounding area to minimize dispersion.
Extinguishing media that must not be used	Full water jet.
Special exposure hazards arising from the substance or preparation itself or combustion products	Unknown risk of formation of toxic pyrolysis products.
Special protective equipment for firefighters	Use self-contained breathing apparatus.
Additional information	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures	High risk of slipping due to leakage/spillage of product.
Environmental precautions	Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater.
Methods and material for containment and cleaning up	Take up with absorbent material (e.g. general-purpose binder). Dispose of absorbed material in accordance within the regulations.

SECTION 7: Handling and storage

Precautions for safe handling	No special measures necessary if used correctly.
Requirements for storage rooms and vessels	Keep only in original container. Prevent penetration into the ground.
Further information on storage conditions	Keep container tightly closed.

SECTION 8: Exposure controls / personal protection

Additional advice on system design	Ensure adequate ventilation on workstation.
Ingredients with occupational exposure limits to be monitored (US)	not applicable
Respiratory protection	not applicable
Hand protection	butyl rubber, > 120 min (EN 374) The details concerned are recommendations. Please contact the glove supplier for further information.
Eye protection	Not required under normal conditions. If there is a risk of splashing: Safety glasses.
Skin protection	None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals.
General protective measures	Avoid contact with eyes.
Hygiene measures	Do not eat, drink, smoke or take drugs at work. Wash hands before breaks and after work.
Delimitation and monitoring of the environmental exposition	See SECTION 6+7.

DS Rich Repair Anti-Hairbreakage Conditioner

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 22.02.2013, Revision 15.02.2013

Version 01

Page 3 / 6

SECTION 9: Physical and chemical properties

Form	viscous
Color	beige light yellow
Odor	characteristic
pH-value	3,5 - 4,5
pH-value [1%]	not determined
Boiling point [°C]	not determined
Flash point [°C]	not applicable
Flammability [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	not applicable
Density [g/ml]	~ 0,99 (20 °C / 68,0 °F)
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Partition coefficient [n-octanol/water]	not determined
Viscosity	10000 - 40000 cP (20 °C / 68 ° F) (Brookfield RV DVIII sp 93, 5 rpm)
Relative vapour density determined in air	not applicable
Evaporation speed	not applicable
Melting point [°C]	not determined
Autoignition temperature [°C]	not applicable
Decomposition temperature	not determined

SECTION 10: Stability and reactivity

Reactivity	No dangerous reactions known if used as directed.
Chemical stability	The product is stable under standard conditions.
Possibility of hazardous reactions	No hazardous reactions known.
Conditions to avoid	See SECTION 7.2.
Incompatible materials	not determined
Hazardous decomposition products	No hazardous decomposition products known.

DS Rich Repair Anti-Hairbreakage Conditioner

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 22.02.2013, Revision 15.02.2013

Version 01

Page 4 / 6

SECTION 11: Toxicological information**Information on toxicological effects****Acute toxicity**

Range [%]	Substance
1 - <2,5	Cetrimonium chloride, CAS: 112-02-7
	LD50, oral, Rat: 200 - 2000 mg/kg.

Acute oral toxicity	not determined
Acute dermal toxicity	not determined
Acute inhalational toxicity	not determined
Serious eye damage/irritation	not determined
Skin corrosion/irritation	not determined
Respiratory or skin sensitisation	not determined
Specific target organ toxicity — single exposure	not determined
Specific target organ toxicity — repeated exposure	not determined
Mutagenicity	not determined
Reproduction toxicity	not determined
Carcinogenicity	not determined
General remarks	No classification on the basis of the calculation procedure of the preparation directive.

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

This is a cosmetic product that is safe under intended and reasonable foreseeable use. Taking into account the use instructions, the toxicological profile of the ingredients and the evaluation of the final formulation this product is considered as safe and thus not harming human health.

SECTION 12: Ecological information**Toxicity**

Range [%]	Substance
1 - <2,5	Cetrimonium chloride, CAS: 112-02-7
	LC50, (96h), fish: < 1 mg/l OECD 203.
	IC50, (72h), Algae: 0,1 mg/l.

Fish toxicity	not determined
Daphnia toxicity	not determined
Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Bacteria toxicity	not determined
Biological degradability	not determined
COD	not determined
BOD 5	not determined
AOX-advice	not applicable
2006/11/EC:	not applicable
Other adverse effects	No classification on the basis of the calculation procedure of the preparation directive.

Ecological data of complete product are not available.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

SECTION 13: Disposal considerations

Product	Coordinate disposal with the authorities if necessary.
Contaminated packaging	Uncontaminated packaging may be taken for recycling.
RCRA Hazard Class (40CFR 261)	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.

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Created: 22.02.2013, Revision 15.02.2013

Version 01

Page 5 / 6

SECTION 14: Transport information

Transport by land according to ADR/RID	NO DANGEROUS GOODS
Inland navigation (ADN)	NO DANGEROUS GOODS
Marine transport in accordance with IMDG	NOT CLASSIFIED AS "DANGEROUS GOODS"
Air transport in accordance with IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"
DOT Road Shipment Information (49 CFR)	NOT CLASSIFIED AS "DANGEROUS GOODS"

SECTION 15: Regulatory information**US Regulations**

National regulations	29 CFR 1910.1200, ANSI Z400.1-2010, OSHA-PEL, ACGIH-TLV, NTP, IARC, SARA Title III, NFPA, TSCA, California - Prop. 65
- SARA, 302	This product does not contain any ingredients regulated under this list.
- SARA, 311	This product does not contain any ingredients regulated under this list.
- SARA, 313	This product does not contain any ingredients regulated under this list.
- CA Proposition 65	All chemical substances in this material are not named in California-P65 list.
- TSCA	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.
- FDA	
American Conference of Governmental Industrial Hygienists - ACGIH	Ingredients not listed as carcinogens.
International Agency for Research on Cancer IARC	Ingredients not listed as carcinogens.
National Toxicology Program - NTP	This product is not named NTP - National Toxicology Program.
Transport-regulations	DOT-Classification, ADR (2013); IMDG-Code (2013, 36. Amdt.); IATA-DGR (2013).

EC Regulations

1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC

Hazard pictograms**Signal word**

WARNING

Hazard statements

H319 Causes serious eye irritation.

H315 Causes skin irritation.

Labelling

The product does not require a hazard warning label in accordance with EC-directives.

Hazard symbols

none

R-phrases

none

S-phrases

none

Special labelling

Safety data sheet available for professional user on request.

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Created: 22.02.2013, Revision 15.02.2013

Version 01

Page 6 / 6

SECTION 16: Other information

Observe employment restrictions for people no
 Customs Tariff not determined

HMIS Ratings

HEALTH	1	1 - Slight Hazard
FLAMMABILITY	0	0 - Minimal Hazard
REACTIVITY	0	0 - Minimal Hazard
PERSONAL PROTECTION	X	X - Personal protection rating to be supplied by user depending on use conditions

NFPA Ratings

0	TOP, FLAMMABILITY: 0 - Minimal Hazard
1 0	LEFT, HEALTH: 1 - Slight Hazard RIGHT, REACTIVITY: 0 - Minimal Hazard
-	BOTTOM, SPECIAL NOTICE: -

Modified position none

Key / Legende:

ACGIH = American Conference of Governmental Industrial Hygienists; CAS = Chemical Abstracts Service; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; CFR = Code of Federal Regulations; CPR = Controlled Products Regulations; DOT = Department of Transportation; EINCES = European Inventory of Existing Commercial Chemical Substances; EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit; TSCA = Toxic Substances Control Act

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