

DS Color Blondes&Highlights Anti-Brassiness Shampoo

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 27.08.2012, Revision 27.08.2012

Version 01

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

| | |
|--|--|
| Product identifier | DS Color Blondes&Highlights Anti-Brassiness Shampoo Article number 202611 = 50ml, 202612=250ml, 202613=300ml, 202615=1500ml, 202614=750ml |
| Relevant identified uses of the substance or mixture and uses advised against | Shampoo |
| Identified use | Cosmetics |
| Company | KAO USA Inc. |
| Address enquiries to | Linthicum Heights, MD 21090 / USA Phone 001410-850-7555 |
| Emergency phone Advisory body | CHEMTREC: +1 703 527-3887 (24h) |
| Safety Data Sheet | sdb@chemiebuero.de |

SECTION 2: Hazards identification**Emergency Overview**

Appearance, Odor: liquid
viscous, lavender, characteristic

CAUTION
CAUSES EYE IRRITATION.

OSHA Regulatory Status

This product is defined as an Cosmetics. Therefore, this product is exempt from requirements of the hazard communication standard, 29 CFR1910.1200.

Potential health effects

May cause allergic skin reaction.

Potential environmental effects

Does not contain any PBT or vPvB substances.

SECTION 3: Composition / Information on ingredients

The product is a mixture.

| Range [%] | Substance |
|-----------|---|
| 10 - <15 | Alkylethersulphate sodium salt CAS: 68891-38-3 |
| 1 - <5 | Sodium-N-lauroylsarkosinate CAS: 137-16-6 |
| 1 - <5 | Sodium hydrogen N-(1-oxododecyl)-L-glutamate CAS: 29923-31-7 |
| 1 - <5 | 1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N,N-dimethyl-3-sulfo-, N-coco acyl derivs., hydroxides, inner salts CAS: 68139-30-0 |
| 0,1 - <1 | Glyoxylic acid CAS: 298-12-4 |

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%. All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

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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 | In case of contact with eyes rinse thoroughly and immediately with plenty of water and seek medical advice. |
| Ingestion | In the event of symptoms seek for medical treatment. |
| Indication of any immediate medical attention and special treatment needed | Treat symptomatically. Forward this sheet to the doctor. |

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 | not applicable |
| 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 | Carbon monoxide (CO) Use self-contained breathing apparatus. |
| Additional information | Fire residues and contaminated firefighting water must be disposed of in accordance within 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. |
| Further information on storage conditions | Keep container tightly closed. |

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SECTION 8: Exposure controls / personal protection

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|---|---|
| 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 | The details concerned are recommendations. Please contact the glove supplier for further information. In full contact butyl rubber, > 120 min (EN 374) |
| Eye protection | Safety glasses. |
| Skin protection | None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. |
| General protective measures | Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier. Avoid contact with eyes. Skin protection: None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. |
| 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. |

SECTION 9: Physical and chemical properties

| | |
|--|---|
| Form | liquid viscous |
| Color | lavender |
| Odor | characteristic |
| pH-value | 5,0 - 5,5 |
| 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] | 1,0387 - 1,0427 (20 °C / 68,0 °F) |
| Bulk density [kg/m³] | not applicable |
| Solubility in water | miscible |
| Partition coefficient [n-octanol/water] | not determined |
| Viscosity | 9000 - 12000 cP (20 °C / 68 ° F) (Brookfield RV DVIII sp 3, 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. |

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

| Range [%] | Substance |
|-----------|--|
| 1 - <5 | 1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N,N-dimethyl-3-sulfo-, N-coco acyl derivs., hydroxides, inner salts, CAS: 68139-30-0 LD50, oral, Rat: > 5000 mg/kg bw. |
| 10 - <15 | Alkylethersulphate sodium salt, CAS: 68891-38-3 LD50, oral, Rat: > 2000 mg/kg bw (OECD 401). |

Acute oral toxicity not determined**Acute dermal toxicity** not determined**Acute inhalational toxicity** not determined**Serious eye damage/irritation** Irritant**Skin corrosion/irritation** Non-irritant.**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**

The toxicological data are those of the pure product.

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 - <5 | 1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N,N-dimethyl-3-sulfo-, N-coco acyl derivs., hydroxides, inner salts, CAS: 68139-30-0 LC50, (96h), fish: 1 - 10 mg/l (OECD 203). EC50, (48h), Daphnia magna: 1 - 10 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.

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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. |

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 | not applicable |
| 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 (2011); IMDG-Code (2011, 35. Amdt.); IATA-DGR (2012). |

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

The product is required to be labelled in accordance with EC-Directives.

Labelling**Hazard symbols**

Irritant

R-phrases

R 36: Irritating to eyes.

S-phrases

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Special labelling

not applicable

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SECTION 16: Other informations

Observe employment restrictions for people yes

648/2004/CE

not applicable

HMIS Ratings

| | | |
|---------------------|---|-------------------------------|
| HEALTH | 2 | 2 - Moderate Hazard |
| FLAMMABILITY | 1 | 1 - Slight Hazard |
| REACTIVITY | 1 | 1 - Slight Hazard |
| PERSONAL PROTECTION | B | B - Safety Glasses and Gloves |

NFPA Ratings

| | |
|---|---|
| 1 | |
| 2 | 1 |
| - | |

TOP, FLAMMABILITY: 1 - Slight Hazard

LEFT, HEALTH: 2 - Moderate Hazard RIGHT, REACTIVITY: 1 - Slight 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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