

Topchic Lotion 3%

Article number 201243 = 1000ml

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 22.02.2013, Revision 22.02.2013

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

Product identifier **Topchic Lotion 3%**
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Relevant identified uses of the substance or mixture and uses advised against Hair Treatment

Identified use Cosmetics

Company KAO USA Inc.

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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, white, characteristic

OSHA Regulatory Status

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

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

The product is a mixture.

Range [%]	Substance
1 - <5	Hydrogen peroxide CAS: 7722-84-1
1 - <5	White mineraloil (petroleum) CAS: 8042-47-5

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 none

Inhalation Ensure supply of fresh air.

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 Seek medical advice immediately.
Rinse out mouth and give plenty of water to drink.

Indication of any immediate medical attention and special treatment needed Treat symptomatically.

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SECTION 5: Fire-fighting measures

Suitable extinguishing media	Foam, dry powder, water spray jet, carbon dioxide.
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	Forms slippery surfaces with water. High risk of slipping due to leakage/spillage of product.
Environmental precautions	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 with the regulations.

SECTION 7: Handling and storage

Precautions for safe handling	No special measures necessary if used correctly.
Requirements for storage rooms and vessels	Provide acid-resistant floor. Keep only in original container.
Further information on storage conditions	Keep container tightly closed. Protect from heat/overheating.

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)	

Range [%]	Substance
1 - <5	Hydrogen peroxide
	CAS: 7722-84-1, EINECS/ELINCS: 231-765-0, EU-INDEX: 008-003-00-9
	Long-term exposure: 1 ppm, 1,4 mg/m ³ , ACGIH
1 - <5	White mineraloil (petroleum)
	CAS: 8042-47-5, EINECS/ELINCS: 232-455-8
	Long-term exposure: 5 mg/m ³ , mist, ACGIH

Respiratory protection	not applicable
Hand protection	The details concerned are recommendations. Please contact the glove supplier for further information. butyl rubber, > 120 min (EN 374) In full contact
Eye protection	Safety glasses.
Skin protection	not applicable
General protective measures	Avoid contact with eyes.
Hygiene measures	Wash hands before breaks and after work. Use barrier skin cream.
Delimitation and monitoring of the environmental exposition	See SECTION 6+7.

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SECTION 9: Physical and chemical properties

Form	viscous
Color	white
Odor	characteristic
pH-value	1,9 - 2,1
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]	~ 1,01
Bulk density [kg/m ³]	not applicable
Solubility in water	miscible
Partition coefficient [n-octanol/water]	not determined
Viscosity	not applicable
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	Stable under normal ambient conditions (ambient temperature).
Possibility of hazardous reactions	Reactions with alkalis (lyes).
Conditions to avoid	See SECTION 7.2. Strong heating.
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	Hydrogen peroxide, CAS: 7722-84-1
	LD50, oral, Rat: 75 mg/kg bw (70% H2O2) (IUCLID).
	LD50, dermal, Rat: >2000 mg/kg bw (IUCLID).
	LC50, inhalative, Rat: 0,17 mg/L (50% H2O2) (4h) (IUCLID).

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** Toxicological data of complete product are not available.

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 - <5	Hydrogen peroxide, CAS: 7722-84-1
	EC50, (24h), Daphnia magna: 7,7 mg/L (IUCLID).
	LC50, (96h), Pimephales promelas: 16,4 mg/L (IUCLID).

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:** yes**Other adverse effects** No classification on the basis of the calculation procedure of the preparation directive.

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

SECTION 13: Disposal considerations**Product** Coordinate disposal with the disposal contractor/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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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 (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
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.

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

Safety Data Sheet (SDS) conforms to ANSI Z400.1/Z129.1-2010 (29 CFR 1910) (US)

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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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