

Topchic Lotion 12%

Article number 201248 = 1000ml

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 26.02.2013, Revision 26.02.2013

Version 01

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

Product identifier **Topchic Lotion 12%**
Article number 201248 = 1000ml

Relevant identified uses of the substance or mixture and uses advised against Hair Treatment

Identified use Cosmetics

Company KAO USA Inc.

Linthicum Heights, MD 21090 / USA
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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

DANGER
HARMFUL IF SWALLOWED.
CAUSES SERIOUS EYE DAMAGE.

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

Frequent persistent contact with the skin can cause skin irritation.

Potential environmental effects

Does not contain any PBT or vPvB substances.

SECTION 3: Composition / Information on ingredients

The product is a mixture.

Range [%]	Substance
11 - 13	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 Change soaked clothing.

Inhalation Ensure supply of fresh air.

Skin contact In case of contact with skin wash off immediately with soap and water.
Consult a doctor if skin irritation persists.

Eye contact In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

Ingestion Consult a doctor immediately.
Do not induce vomiting.

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

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SECTION 5: Fire-fighting measures

Suitable extinguishing media	Carbon dioxide. Foam. Dry powder. Water spray jet.
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	Do not discharge into the drains/surface waters/groundwater.
Methods and material for containment and cleaning up	Take up mechanically. Take up residues with absorbent material (e.g. acid 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	Keep only in original container.
Further information on storage conditions	Keep container tightly closed. Store in a dark place. 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
11 - 13	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	butyl rubber, > 120 min (EN 374) The details concerned are recommendations. Please contact the glove supplier for further information.
Eye protection	Safety glasses.
Skin protection	Apron.
General protective measures	Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.
Hygiene measures	Wash hands before breaks and after work. Use barrier skin cream. Do not eat, drink, smoke or take drugs at work.
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	~ 2
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 determined
Density [g/ml]	1,03
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	The product is stable under standard conditions.
Possibility of hazardous reactions	Reactions with alkalis and metals. Reactions with oxidizing agents.
Conditions to avoid	See SECTION 7.2. Strong heating.
Incompatible materials	not determined
Hazardous decomposition products	Oxygen.

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

Range [%]	Substance
11 - 13	Hydrogen peroxide, CAS: 7722-84-1
	LD50, dermal, Rat: >2000 mg/kg bw (IUCLID).
	LC50, inhalative, Rat: 0,17 mg/L (50% H2O2) (4h) (IUCLID).
	LD50, oral, Rat: 75 mg/kg bw (70% H2O2) (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.

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.

The product was classified on the basis of the calculation procedure of the preparation directive.

SECTION 12: Ecological information**Toxicity**

Range [%]	Substance
11 - 13	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:** 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.

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SECTION 13: Disposal considerations

Product	Dispose of as hazardous waste.
Contaminated packaging	Coordinate disposal with the disposal contractor/authorities if necessary. Packaging that cannot be cleaned should be disposed of as for product. 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	UN 2984 Hydrogen peroxide, aqueous solution 5.1 III
- Classification Code	O1
- Label	
- ADR LQ	5 l
- ADR 1.1.3.6 (8.6)	Transport category (tunnel restriction code) 3 (E)
Inland navigation (ADN)	UN 2984 Hydrogen peroxide, aqueous solution 5.1 III
- Classification Code	O1
- Label	
Marine transport in accordance with IMDG	UN 2984 Hydrogen peroxide, aqueous solution 5.1 III
- EMS	F-H, S-Q
- Label	
- IMDG LQ	5 l
Air transport in accordance with IATA	UN 2984 Hydrogen peroxide, aqueous solution 5.1 III
- Label	
DOT Road Shipment Information (49 CFR)	UN/NA 2984 Hydrogen peroxide, aqueous solution 5.1 III
- Label	

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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 is classified as hazardous under SARA 302.

- SARA, 311

not determined

- SARA, 313

This product is not classified as hazardous under SARA 313.

- CA Proposition 65

No components require labeling under California Proposition 65.

- 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 is classified and required to be labelled in accordance with EC-Directives

Hazard symbols

Harmful

Contains:

Hydrogen peroxide EINECS: 231-765-0

R-phrases

R 22: Harmful if swallowed.

R 41: Risk of serious damage to eyes.

S-phrases

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

S 39: Wear eye/face protection.

Special labelling

none

SECTION 16: Other information**Observe employment restrictions for people**

Observe employment restrictions for women of child-bearing age, for mothers-to-be and nursing mothers and for young people.

HMIS Ratings

HEALTH	2	2 - Moderate Hazard
FLAMMABILITY	0	0 - Minimal Hazard
REACTIVITY	1	1 - Slight 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
2 1	LEFT, HEALTH: 2 - Moderate Hazard RIGHT, REACTIVITY: 1 - Slight Hazard
IRR	BOTTOM, SPECIAL NOTICE: IRR - Irritant

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; EINECS = 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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