

**Topchic Lotion 9%****Article number 201247 = 1000ml****KAO USA Inc.****Linthicum Heights, MD 21090**

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**SECTION 1: Identification of the substance / preparation and of the company****Product identifier****Topchic Lotion 9%****Article number 201247 = 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  
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, 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
8 - <10	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

<b>Suitable extinguishing media</b>	Carbon dioxide. Water spray jet. Foam. Dry powder.
<b>Extinguishing media that must not be used</b>	Full water jet.
<b>Special exposure hazards arising from the substance or preparation itself or combustion products</b>	Unknown risk of formation of toxic pyrolysis products.
<b>Special protective equipment for firefighters</b>	Use self-contained breathing apparatus.
<b>Additional information</b>	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## SECTION 6: Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	High risk of slipping due to leakage/spillage of product.
<b>Environmental precautions</b>	Do not discharge into the drains/surface waters/groundwater.
<b>Methods and material for containment and cleaning up</b>	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

<b>Precautions for safe handling</b>	No special measures necessary if used correctly.
<b>Requirements for storage rooms and vessels</b>	Keep only in original container.
<b>Further information on storage conditions</b>	Keep container tightly closed. Store in a dark place. Protect from heat/overheating.

## SECTION 8: Exposure controls / personal protection

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation.
<b>Ingredients with occupational exposure limits to be monitored (US)</b>	

Range [%]	Substance
8 - <10	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 <sup>3</sup> , ACGIH
1 - <5	White mineraloil (petroleum) CAS: 8042-47-5, EINECS/ELINCS: 232-455-8 Long-term exposure: 5 mg/m <sup>3</sup> , mist, ACGIH

<b>Respiratory protection</b>	not applicable
<b>Hand protection</b>	butyl rubber, > 120 min (EN 374)  The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Eye protection</b>	Safety glasses.
<b>Skin protection</b>	Apron.
<b>General protective measures</b>	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.
<b>Hygiene measures</b>	Wash hands before breaks and after work. Use barrier skin cream. Do not eat, drink, smoke or take drugs at work.
<b>Delimitation and monitoring of the environmental exposition</b>	See SECTION 6+7.

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**SECTION 9: Physical and chemical properties**

<b>Form</b>	viscous
<b>Color</b>	white
<b>Odor</b>	characteristic
<b>pH-value</b>	~ 2
<b>pH-value [1%]</b>	not determined
<b>Boiling point [°C]</b>	not determined
<b>Flash point [°C]</b>	not applicable
<b>Flammability [°C]</b>	not applicable
<b>Lower explosion limit</b>	not applicable
<b>Upper explosion limit</b>	not applicable
<b>Oxidizing properties</b>	no
<b>Vapour pressure/gas pressure [kPa]</b>	not determined
<b>Density [g/ml]</b>	1,02
<b>Bulk density [kg/m³]</b>	not applicable
<b>Solubility in water</b>	miscible
<b>Partition coefficient [n-octanol/water]</b>	not determined
<b>Viscosity</b>	not applicable
<b>Relative vapour density determined in air</b>	not applicable
<b>Evaporation speed</b>	not applicable
<b>Melting point [°C]</b>	not determined
<b>Autoignition temperature [°C]</b>	not applicable
<b>Decomposition temperature</b>	not determined

**SECTION 10: Stability and reactivity**

<b>Reactivity</b>	No dangerous reactions known if used as directed.
<b>Chemical stability</b>	The product is stable under standard conditions.
<b>Possibility of hazardous reactions</b>	Reactions with alkalies and metals. Reactions with oxidizing agents.
<b>Conditions to avoid</b>	See SECTION 7.2. Strong heating.
<b>Incompatible materials</b>	not determined
<b>Hazardous decomposition products</b>	Oxygen.

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

Range [%]	Substance
8 - <10	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
8 - <10	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.

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

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## SECTION 13: Disposal considerations

<b>Product</b>	Dispose of as hazardous waste.
<b>Contaminated packaging</b>	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.
<b>RCRA Hazard Class (40CFR 261)</b>	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

<b>Transport by land according to ADR/RID</b>	UN 2984 Hydrogen peroxide, aqueous solution 5.1 III
- Classification Code	O1
- Label	
- ADR LQ	5 I
- ADR 1.1.3.6 (8.6)	Transport category (tunnel restriction code) 3 (E)
<b>Inland navigation (ADN)</b>	UN 2984 Hydrogen peroxide, aqueous solution 5.1 III
- Classification Code	O1
- Label	
<b>Marine transport in accordance with IMDG</b>	UN 2984 Hydrogen peroxide, aqueous solution 5.1 III
- EMS	F-H, S-Q
- Label	
- IMDG LQ	5 I
<b>Air transport in accordance with IATA</b>	UN 2984 Hydrogen peroxide, aqueous solution 5.1 III
- Label	
<b>DOT Road Shipment Information (49 CFR)</b>	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
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	X

2 - Moderate Hazard

0 - Minimal Hazard

1 - Slight Hazard

X - Personal protection rating to be supplied by user depending on use conditions

**NFPA Ratings**

0
2 1
IRR

TOP, FLAMMABILITY: 0 - Minimal Hazard

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

BOTTOM, SPECIAL NOTICE: IRR - Irritant

**Modified position**

none

**Key / Legend:**

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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