

Topchic Haircolor

Article number for all cans 250ml

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 01.03.2013, Revision 28.02.2013

Version 01

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

Product identifier

Topchic Haircolor

Article number for all cans 250ml

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

Hair color

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:

aerosol, colourless, characteristic

WARNING

Keep away from heat, sparks and flame. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C).

CAUSES EYE AND SKIN IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

MAY CAUSES RESPIRATORY TRACT IRRITATION.

HARMFUL TO AQUATIC ORGANISMS; MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT

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

Potential environmental effects

Does not contain any PBT or vPvB substances.

SECTION 3: Composition / Information on ingredients

The product is a mixture.

Range [%]	Substance
1 - <5	2-Methyl-p-phenylenediamine sulfate CAS: 615-50-9
1 - <5	Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) CAS: 90622-77-8
1 - <5	Amide, C14-18, N-(Hydroxyethyl)- CAS: 68391-00-4
1 - <5	Propane-1,2-diol CAS: 57-55-6
1 - <5	Natrium-cetylstearylsulfat CAS: 68955-20-4
1 - <3	Ammonia solution CAS: 1336-21-6
0,1 - <1	3-Aminophenol CAS: 591-27-5

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.

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SECTION 4: First aid measures

Description of first aid measures	Change soaked clothing.
Inhalation	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
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. Rinse out mouth and give plenty of water to drink.
Indication of any immediate medical attention and special treatment needed	Forward this sheet to the doctor. Treat symptomatically.

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. Bursting aerosols can be forcibly projected from a fire.
Special protective equipment for firefighters	Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus.
Additional information	Only cool any containers at risk with jets of water spray if the containers are intact and impermeable. Fire residues must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Keep away from all sources of ignition. Use personal protective equipment.
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 suitable absorbent materials. Dispose of absorbed material in accordance within the regulations.

SECTION 7: Handling and storage

Precautions for safe handling	Use only in well-ventilated areas.
Advice on protection against fire and explosion	Vapours can form an explosive mixture with air. Keep away from sources of ignition - refrain from smoking.
Advice on storage compatibility	Do not store together with oxidizing agents.
Further information on storage conditions	Keep container in a well-ventilated place. Protect from heat/overheating. Keep in a cool place, heat causes increase in pressure and risk of bursting.

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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 - <3	Ammonia solution
	CAS: 1336-21-6, EINECS/ELINCS: 215-647-6, EU-INDEX: 007-001-01-2
	Long-term exposure: 50 ppm, 35 mg/m ³ , OSHA-Final PELs (TWA)

Respiratory protection Breathing apparatus in the event of high concentrations.

Short term: filter apparatus, filter A.

Hand protection Nitrile rubber, >120 min (EN 374).

The details concerned are recommendations. Please contact the glove supplier for further information.

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** Avoid contact with eyes.

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 Do not eat, drink, smoke or take drugs at work.

Wash hands before breaks and after work.

Use barrier skin cream.

Delimitation and monitoring of the environmental exposition See SECTION 6+7.**SECTION 9: Physical and chemical properties**

Form	aerosol
Color	colourless
Odor	characteristic
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	not applicable
Flash point [°C]	not applicable
Flammability [°C]	not applicable
Lower explosion limit	not determined
Upper explosion limit	not determined
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	330 - 370
Density [g/ml]	~ 0,81 (Liquid)
Bulk density [kg/m³]	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 applicable
Autoignition temperature [°C]	not applicable
Decomposition temperature	not applicable

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SECTION 10: Stability and reactivity

Reactivity	See SECTION 10.3.
Chemical stability	Stable under normal ambient conditions (ambient temperature).
Possibility of hazardous reactions	Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting. Risk of bursting.
Conditions to avoid	Strong heating.
Incompatible materials	See SECTION 7
Hazardous decomposition products	Flammable gases/vapours.

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

Range [%]	Substance
0,1 - <1	3-Aminophenol, CAS: 591-27-5 LD50, dermal, Rat: > 5000 mg/kg (Lit). LC50, inhalative, Rat: 1162 mg/m ³ (Lit). LD50, oral, Rat: 924 mg/kg (Lit).
1 - <3	Ammonia solution, CAS: 1336-21-6 LD50, oral, Rat: 350 mg/kg (25%). LC50, inhalative, Rat: 1,4 mg/l (4h)(25%).
1 - <5	Amides, C12-18 and C18-unsatd., N-(hydroxyethyl), CAS: 90622-77-8 LD50, oral, Rat: > 5000 mg/kg (Lit).
1 - <5	Amide, C14-18, N-(Hydroxyethyl)-, CAS: 68391-00-4 LD50, oral, Rat: > 2000 mg/kg (Lit).
1 - <5	Natrium-cetylstearylsulfat, CAS: 68955-20-4 LD50, oral, Rat: > 5000 mg/kg.
1 - <5	2-Methyl-p-phenylenediamine sulfate, CAS: 615-50-9 LD50, dermal, Rabbit: 1120 mg/kg (RTECS). LD50, oral, Rat: 102 mg/kg (RTECS).
1 - <5	Propane-1,2-diol, CAS: 57-55-6 LD50, oral, Rat: > 22000 mg/kg. LD50, dermal, Rabbit: > 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	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.

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SECTION 12: Ecological information**Toxicity**

Range [%]	Substance
0,1 - <1	3-Aminophenol, CAS: 591-27-5
	LC50, (48h), Oryzias latipes: 100 mg/l (Lit).
1 - <3	Ammonia solution, CAS: 1336-21-6
	EC50, (48h), Daphnia magna: 24 mg/l.
	LC50, (96h), Oncorhynchus mykiss: 0,53 mg/l.
1 - <5	Natrium-cetylstearylsulfat, CAS: 68955-20-4
	LC50, fish: > 10 - < 100 mg/l.
1 - <5	Propane-1,2-diol, CAS: 57-55-6
	LC50, (96h), Oncorhynchus mykiss: 40613 mg/l.
	EC50, (72h), Selenastrum capricornutum: 24200 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 none

2006/11/EC: none

Other adverse effects The product was classified 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 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

UN 1950 AEROSOLS 2.2

- Classification Code

5A

- Label



- ADR LQ

1 I

- ADR 1.1.3.6 (8.6)

Transport category (tunnel restriction code) 3 (E)

Inland navigation (ADN)

UN 1950 AEROSOLS 2.2

- Classification Code

5A

- Label



Marine transport in accordance with IMDG

UN 1950 Aerosols 2.2 -

- EMS

F-D, S-U

- Label



- IMDG LQ

1 I

Air transport in accordance with IATA

UN 1950 Aerosols, non flammable 2.2

- Label



DOT Road Shipment Information (49 CFR)

UN/NA 1950 Aerosols 2

- Label



Safety Data Sheet (SDS) conforms to ANSI Z400.1/Z129.1-2010 (29 CFR 1910) (US)**Topchic Haircolor****Article number for all cans 250ml****KAO USA Inc.****Linthicum Heights, MD 21090**

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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 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 contain one ingredient 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

Labelling

This preparation is excluded as cosmetics from the regulation 1999/45/EEC.

Hazard symbols

Harmful

Contains:

2-Methyl-p-phenylenediamine sulfate EINECS: 210-431-8

R-phrases

R 22: Harmful if swallowed.

R 36/38: Irritating to eyes and skin.

R 43: May cause sensitisation by skin contact.

R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases

S 24/25: Avoid contact with skin and eyes.

S 37: Wear suitable gloves.

Special labelling

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.

Do not pierce or burn, even after use.

Keep out of the reach of children.

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

yes

HMIS Ratings

HEALTH	2	2 - Moderate Hazard
FLAMMABILITY	1	1 - Slight Hazard
REACTIVITY	1	1 - Slight Hazard
PERSONAL PROTECTION	X	X - Personal protection rating to be supplied by user depending on use conditions

NFPA Ratings

TOP, FLAMMABILITY: 1 - Slight Hazard

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

BOTTOM, SPECIAL NOTICE: -

Modified position

none

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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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