

Topchic Haircolor

Article number for all Tubes 60ml

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 08.03.2013, Revision 07.03.2013

Version 01

Page 1 / 7

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

**Product identifier**

**Topchic Haircolor**

**Article number for all Tubes 60ml**

**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:**

viscous, various, characteristic  
ammoniac-like

**WARNING**

CAUSES EYE IRRITATION.

MAY CAUSES RESPIRATORY TRACT IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

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.

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

**Potential health effects**

**Potential environmental effects**

**Safety Data Sheet (SDS) conforms to ANSI Z400.1/Z129.1-2010 (29 CFR 1910) (US)****Topchic Haircolor****Article number for all Tubes 60ml****KAO USA Inc.****Linthicum Heights, MD 21090**

Created: 08.03.2013, Revision 07.03.2013

Version 01

Page 2 / 7

**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	Amides, C14-18, N-(Hydroxyethyl)-
	CAS: 68391-00-4
1 - <5	Propane-1,2-diol
	CAS: 57-55-6
1 - <5	Sodium Cetostearyl Sulfate
	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%.  
All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.  
For full text of H-statements and R-phrases: see SECTION 16.

**SECTION 4: First aid measures**

<b>Description of first aid measures</b>	Change soaked clothing.
<b>Inhalation</b>	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
<b>Skin contact</b>	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
<b>Eye contact</b>	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.
<b>Ingestion</b>	Consult a doctor immediately. Do not induce vomiting.
<b>Indication of any immediate medical attention and special treatment needed</b>	Treat symptomatically.  Forward this sheet to the doctor.

**SECTION 5: Fire-fighting measures**

<b>Suitable extinguishing media</b>	foam, dry powder, water spray jet, carbon dioxide
<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 within 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.  Use personal protective clothing.
<b>Environmental precautions</b>	Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater.
<b>Methods and material for containment and cleaning up</b>	Take up with absorbent material (e.g. general-purpose binder).  Dispose of absorbed material in accordance within the regulations.

**Topchic Haircolor****Article number for all Tubes 60ml****KAO USA Inc.****Linthicum Heights, MD 21090**

Created: 08.03.2013, Revision 07.03.2013

Version 01

Page 3 / 7

**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. 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
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 <sup>3</sup> , OSHA-Final PELs (TWA)

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

**SECTION 9: Physical and chemical properties**

<b>Form</b>	viscous
<b>Color</b>	various
<b>Odor</b>	characteristic ammoniac-like
<b>pH-value</b>	not determined
<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 applicable
<b>Density [g/ml]</b>	0,97-1,02 (20 °C / 68,0 °F)
<b>Bulk density [kg/m<sup>3</sup>]</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

Topchic Haircolor

Article number for all Tubes 60ml

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 08.03.2013, Revision 07.03.2013

Version 01

Page 4 / 7

**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 acids.
<b>Conditions to avoid</b>	See SECTION 7.2. Strong heating.
<b>Incompatible materials</b>	not determined
<b>Hazardous decomposition products</b>	No hazardous decomposition products known.

**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 <sup>3</sup> (Lit).
	LD50, oral, Rat: 924 mg/kg (Lit).
1 - <3	Ammonia solution, CAS: 1336-21-6
	LC50, inhalative, Rat: 1,4 mg/l (4h)(25%).
	LD50, oral, Rat: 350 mg/kg (25%).
1 - <5	Amides, C12-18 and C18-unsatd., N-(hydroxyethyl), CAS: 90622-77-8
	LD50, oral, Rat: > 5000 mg/kg (Lit).
1 - <5	Amides, C14-18, N-(Hydroxyethyl)-, CAS: 68391-00-4
	LD50, oral, Rat: > 2000 mg/kg (Lit).
1 - <5	Sodium Cetostearyl Sulfate, 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, dermal, Rabbit: > 2000 mg/kg.
	LD50, oral, Rat: > 22000 mg/kg.

<b>Acute oral toxicity</b>	not determined
<b>Acute dermal toxicity</b>	not determined
<b>Acute inhalational toxicity</b>	not determined
<b>Serious eye damage/irritation</b>	not determined
<b>Skin corrosion/irritation</b>	Slight irritant effect - does not require labelling.
<b>Respiratory or skin sensitisation</b>	not determined
<b>Specific target organ toxicity — single exposure</b>	not determined
<b>Specific target organ toxicity — repeated exposure</b>	not determined
<b>Mutagenicity</b>	not determined
<b>Reproduction toxicity</b>	not determined
<b>Carcinogenicity</b>	not determined
<b>General remarks</b>	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.

Topchic Haircolor

Article number for all Tubes 60ml

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 08.03.2013, Revision 07.03.2013

Version 01

Page 5 / 7

**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
	LC50, (96h), Oncorhynchus mykiss: 0,53 mg/l.
	EC50, (48h), Daphnia magna: 24 mg/l.
1 - <5	Sodium Cetostearyl Sulfate, 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 not applicable

2006/11/EC: not applicable

Other adverse effects Do not discharge product unmonitored into the environment.

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

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

**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"

Topchic Haircolor

Article number for all Tubes 60ml

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 08.03.2013, Revision 07.03.2013

Version 01

Page 6 / 7

## 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

#### Hazard pictograms



#### Signal word

WARNING

#### Contains:

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

#### Hazard statements

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

#### Labelling

No labelling on the basis of our own findings.

#### Hazard symbols



Harmful

#### R-phrases

R 22: Harmful if swallowed.

R 36: Irritating to eyes.

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

S 37: Wear suitable gloves.

#### Special labelling

none

Topchic Haircolor

Article number for all Tubes 60ml

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 08.03.2013, Revision 07.03.2013

Version 01

Page 7 / 7

## SECTION 16: Other information

Observe employment restrictions for people yes

### HMIS Ratings

HEALTH	2	2 - Moderate Hazard
FLAMMABILITY	0	0 - Minimal Hazard
REACTIVITY	0	0 - Minimal Hazard
PERSONAL PROTECTION	B	B - Safety Glasses and Gloves

### NFPA Ratings

0
2 0
IRR

TOP, FLAMMABILITY: 0 - Minimal Hazard

LEFT, HEALTH: 2 - Moderate Hazard RIGHT, REACTIVITY: 0 - Minimal Hazard

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; 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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