Safety Data Sheet (SDS) conforms	s to ANSI Z400.1/Z129.1-2010 (29 CFR 1910) (US)
Topchic Haircolor	
Article number for all Tubes 60m	I
KAO USA Inc.	
Linthicum Heights, MD 21090	
Created: 08.03.2013, Revision 07.03.2013	Version 01 Page 1 /
SECTION 1: Identification of the subst	tance / 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 I THE AQUATIC ENVIRONMENT
OSHA Regulatory Status	
	This product is defined as an Cosmetics. Therefore, this product is exempt from requirement of the hazard communication standard, 29 CFR1910.1200. This product is classified as hazardous in accordance to OSHA Standard 29 CFR 1910.1200

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

Version 01

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SECTION 3: Composition / Information on ingredients

The product is a mixture.

Mange [16] Substance 1		
CAS: 615:09.9 1c3 Amides: C12:18 and C15-unsaidN-(hydroxyethyl) CAS: 0022:77.8 CAS: 0022:77.8 1c3 Amides: C14:18.N-(Hydroxyethyl)- CAS: 053:10:0.4 CAS: 057:65-6 1c4 Froament-12.diol CAS: 058:05:20:4 CAS: 057:65-6 1c3 Aminoria solution CAS: 051:27:5 Comment on component parts Substances of Very High Concern - SVHC: substances are not contained or are below 0, 1%. All chemical substances in this matrial are included on or exempted from listing on the TSCA Inventory. First All measures Substances of Very High Concern - SVHC: substances are not contained or are below 0, 1%. All chemical substances in this matrial are included on or exempted from listing on the TSCA Inventory. First aid measures Charge soaked clothing. Inhatation Ensure supply of fresh air. In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin imitation persists. Eye contact In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin imitation persists. If medical advice/attention. Ingestion Consult a doctor. SECTION 5: Fire-fighting measures Forward this sheet to the doctor. SECTION 5: Fire-figh	Range [%] Substance	
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CAS: B0022-77-8 163 163 CAS: 63931-00-4 163 163 CAS: 6395-00-4 163 CAS: 57-65-6 163 Sodum Cetostaaryl Suitate CAS: 53-75-5 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 ext of H-statements and R-phrases: see SECTION 16. SECTION 4: First aid measures Change soaked clothing. Inhalation In the event of symptoms Seek for medical treatment. Skin contact In case of contact with skin wash of immediately with soap and water. Consult a doctor if skin itritation persists. Eye contact Rinae caluclusty with water for several minutes. Remove contact lenses, if present and easy to 6. Continue ming. In equilability and doctor inmediately. Indication of any immediate medical attention and special treatment needed Forward this sheet to the doctor. SECTION 5: Fire-fighting measures Forward this sheet to the doctor. Section of state medical attention. Line case of contact with the state stand single form the substances or preparation fisel of combustion products Special protecutive equipment for the folataregulations.<		
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CAS: 68391-00-4 1 - c4S CAS: 575-56 1 - c4S CAS: 575-56 CAS: 575-56 CAS: 5825-20-4 -1 - c4S Arminonia solution CAS: 536-21-6 -032 CAS: 591-27-8 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 Change soaked clothing. Inhalation In the event of symptoms seek for medical treatment. Skin contact In case of contact with skin wash of limmediately with soap and water. Consult a doctori riskin initiation persists. Eye contact Rrise cautiousy with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If ey initiation persists. Get medical advice/attention. Consult a doctori riskin initiation. Do not induce womiting. Tractistion of any immediate medical attention and special treatment needed Subble extinguishing media foam, dry powder, water spray jet, carbon dioxide Extinguishing media foam, dry powder, water spray jet, carbon dioxide Subable extinguishing media foam, dry powder, water spray jet, carbon dioxide Extinguishing media tha		
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CAS: 133-21-6 0.1 - <tl>3-minophenol 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 Change soaked clothing. Inhalation Instation Ensure supply of fresh air. In the event of symptoms seek for medical treatment. Skin contact In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists. Eye contact Rine cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue minediately. Do not induce vomiting. Indication of any immediate medical atention and special treatment needed Treat symptomatically. SECTION 5: Fire-fighting measures usbatance or programton itself or combustion products foam, dry powder, water spray jet, carbon dioxide Extinguishing media extinguishing media textinguishing tex</tl>	CAS: 68955-20-4	
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http://www.chemiebuero.de, Phone +49 (0)941-566-398 (-455), E-mail info@chemiebuero.de, v. 130228d kss00298 US		
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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	
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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.
	Protect from heat/overheating.
SECTION 8: Exposure controls / perso	nal 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/ELI	NCS: 215-647-6, EU-INDEX: 007-001-01-2
Long-term exposure: 50 ppm,	35 mg/m³, OSHA-Final PELs (TWA)
Respiratory protection	not applicable
Hand protection	The details concerned are recommendations. Please contact the glove supplier for further information.
	Nitrile rubber, >120 min (EN 374).
Eye protection	Safety glasses.
Skin protection	not applicable
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.
	Use barrier skin cream.
	Wash hands before breaks and after work.
Delimitation and monitoring of the environmental exposition	See SECTION 6+7.
SECTION 9: Physical and chemical pro	operties

SECTION 9: Physical and chemical properties

Form	viscous
Color	various
Odor	characteristic
	ammoniac-like
pH-value	not determined
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]	0,97-1,02 (20 °C / 68,0 °F)
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 determined
Autoignition temperature [°C]	not applicable
Decomposition temperature	not determined

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SECTION 10: Stability and reactivit	У		
Reactivity	No dangerous reactions known if used as directed.		
Chemical stability	The product is stable under standard conditions.		
Possibility of hazardous reactions	Reactions with acids.		
Conditions to avoid	See SECTION 7.2.		

Incompatible materials Hazardous decomposition products SECTION 11: Toxicological information

Strong heating. not determined products No hazardous decomposition products known.

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	ŋ/m³ (Lit).
	LD50, oral, Rat: 924 mg/kg (Li	t).
1 - <3	Ammonia solution, CAS: 1336	-21-6
	LC50, inhalative, Rat: 1,4 mg/l	(4h)(25%).
	LD50, oral, Rat: 350 mg/kg (25	5%).
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-(Hydroxyet	hyl)-, CAS: 68391-00-4
	LD50, oral, Rat: > 2000 mg/kg	
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 m	g/kg (RTECS).
	LD50, oral, Rat: 102 mg/kg (R	TECS).
1 - <5	Propane-1,2-diol, CAS: 57-55-	6
=	LD50, dermal, Rabbit: > 2000	
L	LD50, oral, Rat: > 22000 mg/kg.	
Acute oral toxic	•	not determined
Acute dermal to	•	not determined
Acute inhalation	nal toxicity	not determined
Serious eye da	mage/irritation	not determined
Skin corrosion/	<i>lirritation</i>	Slight irritant effect - does not require labelling.
Respiratory or s	skin sensitisation	not determined
Specific target exposure	organ toxicity — single	not determined
Specific target exposure	organ toxicity — repeated	not determined
Mutagenicity		not determined
Reproduction to	oxicity	not determined
Carcinogenicity		not determined
General remark	S	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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Linthicum Heights, MD 21090

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SECTION 12: Ecological information

Toxicity

Range [%] Substance		
0,1 - <1 3-Aminophenol, CAS: 591-2	7-5	
LC50, (48h), Oryzias latipes:	100 mg/l (Lit).	
1 - <3 Ammonia solution, CAS: 133	6-21-6	
LC50, (96h), Oncorhynchus	nykiss: 0,53 mg/l.	
EC50, (48h), Daphnia magna	a: 24 mg/l.	
1 - <5 Sodium Cetostearyl Sulfate,	<5 Sodium Cetostearyl Sulfate, CAS: 68955-20-4	
· · · · · · · · · · · · · · · · · · ·	LC50, fish: > 10 - < 100 mg/l.	
1 - <5 Propane-1,2-diol, CAS: 57-5	5-6	
LC50, (96h), Oncorhynchus		
EC50, (72h), Selenastrum ca	apricornutum: 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 consideration	5	

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"

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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

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SECTION 16: Other information			
Observe employment restrictions for people	yes		
HMIS Ratings			
HEALTH	2 2 - Moderate Hazard		
FLAMMABILITY	0 - Minimal Hazard		
REACTIVITY	0 - Minimal Hazard		
PERSONAL PROTECTION	B - Safety Glasses and Gloves		
NFPA Ratings			
0	TOP, FLAMMABILITY: 0 - Minimal Hazard		
2 0	LEFT, HEALTH: 2 - Moderate Hazard RIGHT, REACTIVITY: 0	- Minimal Hazard	
IRR	BOTTOM, SPECIAL NOTICE: IRR - Irritant		
Modified position	none		

= 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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