

Colorance Soft Color

Article number Articelnumber for all cans 125ml

KAO USA Inc.

Linthicum Heights, MD 21090

Date printed 21.05.2013, Revision 21.05.2013

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

Product identifier **Colorance Soft Color**
Article number Articelnumber for all cans 125ml

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

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, various, characteristic

DANGER
 EXTREMELY FLAMMABLE AEROSOL

OSHA Regulatory Status This product is defined as Cosmetics. Therefore, this product is exempt from requirements of the hazard communication standard, 29 CFR1910.1200.

Potential health effects

Potential environmental effects

SECTION 3: Composition / Information on ingredients

The product is a mixture.

Range [%]	Substance
1 - <10	Propane/Butane CAS: 74-98-6/ 106-97-8
0,25 - <1	Trimethyloctadecylammonium chloride CAS: 112-03-8
0,1 - <1	Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides CAS: 68607-24-9

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.
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 Seek medical advice immediately.
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.

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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 and contaminated firefighting water 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.
Requirements for storage rooms and vessels	Prevent penetration into the ground.
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.

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 - <10	Propane/Butane
	CAS: 74-98-6/ 106-97-8, EINECS/ELINCS: 200-827-9/ 203-448-7, EU-INDEX: 601-003-00-5/ 601-004-00-0
	Long-term exposure: 1000 ppm, OSHA PEL

Respiratory protection	Not required under normal conditions.
Hand protection	Not required under normal conditions.
Eye protection	Not required under normal conditions.
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.
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.

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SECTION 9: Physical and chemical properties

Form	aerosol
Color	various
Odor	characteristic
pH-value	6,7 - 6,9
pH-value [1%]	not applicable
Boiling point [°C]	not applicable
Flash point [°C]	not determined
Flammability [°C]	not determined
Lower explosion limit	not determined
Upper explosion limit	not determined
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/ml]	0,9910 - 1,0012 (20 °C / 68,0 °F) (Liquid)
Bulk density [kg/m ³]	not applicable
Solubility in water	partially 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

SECTION 10: Stability and reactivity

Reactivity	No dangerous reactions known if used as directed.
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	not determined
Hazardous decomposition products	No hazardous decomposition products known.

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

Range [%]	Substance
1 - <10	Propane/Butane, CAS: 74-98-6/ 106-97-8 LC50, inhalative, Rat: >800000 ppm IUCLID.
0,1 - <1	Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides, CAS: 68607-24-9 LD50, oral, Rat: >2000 mg/kg (OECD 401).
0,25 - <1	Trimethyloctadecylammonium chloride, CAS: 112-03-8 LD50, oral, Rat: 500 - 2000 mg/kg (OECD 401).

Acute oral toxicity not determined**Acute dermal toxicity** not determined**Acute inhalational toxicity** not determined**Serious eye damage/irritation** Non-irritant.**Skin corrosion/irritation** Non-irritant.**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.

SECTION 12: Ecological information**Toxicity**

Range [%]	Substance
0,1 - <1	Quaternary ammonium compounds, C20-22-alkyltrimethyl, chlorides, CAS: 68607-24-9 LC50, (96h), fish: 0,5 mg/l (OECD 203). EC50, (72h), <i>Desmodesmus subspicatus</i> : 3,4 mg/l (OECD 201). EC50, (48h), <i>Daphnia magna</i> : 1,4 mg/l (OECD 202). NOEC, (21d), <i>Daphnia magna</i> : 0,13 mg/l (OECD 211).
0,25 - <1	Trimethyloctadecylammonium chloride, CAS: 112-03-8 LC50, (96h), <i>Danio rerio</i> : 0,15 mg/l (OECD 203).

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**

No classification 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.

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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	UN 1950 AEROSOLS 2.1
- Classification Code	5F
- Label	
- ADR LQ	1 I
- ADR 1.1.3.6 (8.6)	Transport category (tunnel restriction code) 2 (D)

Inland navigation (ADN)	UN 1950 AEROSOLS 2.1
- Classification Code	5F
- Label	

Marine transport in accordance with IMDG	UN 1950 Aerosols 2.1 -
- EMS	F-D, S-U
- Label	
- IMDG LQ	1 I

Air transport in accordance with IATA	UN 1950 Aerosols, flammable 2.1
- Label	

DOT Road Shipment Information (49 CFR)	UN/NA 1950 Aerosols 2
- 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 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

No chemical substances in this material are named on the 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.

HAP-VOC

Transport-regulations

DOT-Classification, ADR (2013); IMDG-Code (2013, 36. Amdt.); IATA-DGR (2013).

Other Right to Know Laws

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

DANGER

Hazard statements

H222 Extremely flammable aerosol.

Labelling

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

Hazard symbols



Extremely flammable

R-phrases

R 12: Extremely flammable.

S-phrases

S 23.4: Do not breathe spray.

S 51: Use only in well-ventilated areas.

Special labelling

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

Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

Keep out of the reach of children.

DANGER

Emergency Overview

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SECTION 16: Other information

Observe employment restrictions for people yes

Customs Tariff not determined

HMIS Ratings

HEALTH	1	1 - Slight Hazard
FLAMMABILITY	4	4 - Extreme Hazard
REACTIVITY	1	1 - Slight Hazard
PERSONAL PROTECTION	X	X - Personal protection rating to be supplied by user depending on use conditions

NFPA Ratings

4	TOP, FLAMMABILITY: 4 - Extreme Hazard
1 1	LEFT, HEALTH: 1 - Slight Hazard RIGHT, REACTIVITY: 1 - Slight Hazard
-	BOTTOM, SPECIAL NOTICE: -

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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