

Colorance Hair Color (can)

Article number 211136 – 211457 120ml

KPSS Inc.

Linthicum Heights, MD 21090

Date printed 27.07.2011, Revision 26.07.2011

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1 Identification of the substance / preparation and of the company**Product identifier****Colorance Hair Color (can)****Article number 211136 – 211457 120ml****Use:**

Hair color

Identified use:

Cosmetics

Company

KPSS Inc.

Linthicum Heights, MD 21090 / USA

Phone: 001410-850-7555

Homepage: www.kpss-hair.com

CHEMTREC: +1 703 527-3887 (24h)

Emergency phone:**Address enquiries to****Safety Data Sheet**

sdb@chemiebuero.de

2 Hazards identification**Emergency Overview****Appearance, Odor:**

aerosol, various, characteristic

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

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

May produce an allergic reaction.
Irritating to eyes, respiratory system and skin.

Potential environmental effects

Does not contain any PBT or vPvB substances.

3 Composition / Information on ingredients

Range [%]	Substance
5 - <10	2-Aminoethanol
1 - <5	Stearic acid monoethanolamide
1 - <5	Amide, Kokos-, N-(Hydroxyethyl)
0,1 - <1	1,3-Benzenediol
0,1 - <1	3-Aminophenol

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.

4 First aid measures**Description of first aid measures**

Remove contaminated soaked clothing immediately and dispose of safely.

Inhalation

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

In case of contact with eyes rinse thoroughly and immediately 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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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	Use self-contained breathing apparatus.
Additional information	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	No special measures necessary.
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 absorbent material (e.g. sand, sawdust, generalpurpose binder, diatomaceous earth). Dispose of absorbed material in accordance with the regulations.

7 Handling and storage

Precautions for safe handling	No special measures necessary if used correctly. Use only in well-ventilated areas.
Advice on protection against fire and explosion	Keep away from all sources of ignition.
Further information on storage conditions	Protect from heat/overheating.

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 / LTEL: Long-term exposure limit
5 - <10	2-Aminoethanol / 3 ppm, 6 mg/m ³ , OSHA
0,1 - <1	1,3-Benzenediol / 10 ppm, 45 mg/m ³ , ACGIH

Respiratory protection	not applicable
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	not applicable
General protective measures	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.
Hygiene measures	Use barrier skin cream. Do not eat, drink, smoke or take drugs at work. Remove soiled or soaked clothing.
Delimitation and monitoring of the environmental exposition	See Chapter 6+7.

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9 Physical and chemical properties

Form	aerosol
Color	various
Odor	characteristic
pH-value	strongly alkaline
pH-value [1%]	not determined
Boiling point [°C]	not applicable
Flash point [°C]	not applicable
Flammability [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidizing properties	no
Vapour pressure [kPa]	not applicable
Density [g/ml]	0,97-1,05 (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 applicable
Autoignition temperature [°C]	not applicable
Decomposition temperature	not applicable

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	Reactions with acids. Risk of bursting.
Conditions to avoid	See chapter 7
Incompatible materials	not determined
Hazardous decomposition products	No hazardous decomposition products known.

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

Range [%]	Substance
5 - <10	2-Aminoethanol, CAS: 141-43-5
	LC0, inhalative, Rat: > 0,0005 mg/l 2h (IUCLID).
	LD50, dermal, Rabbit: 1025 mg/kg (IUCLID).
	LD50, oral, Rat: 1720 mg/kg (IUCLID).
0,1 - <1	3-Aminophenol, CAS: 591-27-5
	LC50, inhalative, Rat: 1162 mg/m ³ (Lit).
	LD50, dermal, Rat: > 5000 mg/kg (Lit).
	LD50, oral, Rat: 924 mg/kg (Lit).
1 - <5	Amide, Kokos-, N-(Hydroxyethyl), CAS: 68140-00-1
	LD50, oral, Rat: > 5000 mg/kg (Lit).
1 - <5	Stearic acid monoethanolamide
	LD50, oral, Rat: > 2000 mg/kg (Lit).
0,1 - <1	1,3-Benzenediol, CAS: 108-46-3
	LD50, dermal, Rabbit: 3360 mg/kg (Lit).
	LD50, oral, Rat: 301 mg/kg (Lit).

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**

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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12 Ecological information**Toxicity**





Range [%]	Substance
5 - <10	2-Aminoethanol, CAS: 141-43-5 EC50, (48h), Daphnia magna: 65 mg/l (IUCLID). LC50, (96h), Pimephales promelas: 2070 mg/l (IUCLID).
0,1 - <1	3-Aminophenol, CAS: 591-27-5 LC50, (48h), Oryzias latipes: 100 mg/l (Lit).
0,1 - <1	1,3-Benzenediol, CAS: 108-46-3 LC50, (96h), Leuciscus idus: 34,7 mg/l (Lit).

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	None known.

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.

14 Transport information

Classification according to ADR	UN 1950 AEROSOLS 2.2
- Classification Code	5A
- Label	
- ADR LQ	1 l
- ADR 1.1.3.6 (8.6)	Transport category (tunnel restriction code) 3 (E)
Classification according to IMDG	UN 1950 Aerosols 2.2 -
- EMS	F-D, S-U
- Label	
- IMDG LQ	1 l
Classification according to IATA	UN 1950 Aerosols, non flammable 2.2
- Label	
DOT Road Shipment Information (49 CFR)	UN/NA 1950 Aerosols 2
- Label	

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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 (2011); IMDG-Code (2011, 35. Amdt.); IATA-DGR (2011).

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 does not require a hazard warning label in accordance with GHS/CLP-directives.

Hazard symbols

none

R-phrases

none

S-phrases

none

Special labelling

none

16 Other informations**Observe employment restrictions for people** no**Customs Tariff**

not determined

648/2004/CE

not applicable

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	TOP, FLAMMABILITY: 0 - Minimal Hazard
2 0	LEFT, HEALTH: 2 - Moderate Hazard RIGHT, REACTIVITY: 0 - Minimal Hazard
IRR	BOTTOM, SPECIAL NOTICE: IRR - Irritant

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

Disclaimer: This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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