

**Colorance Cover Plus Hair Color (tubes)**

Article number 211629 – 211669 = 60ml

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 Cover Plus Hair Color (tubes)**  
**Article number 211629 – 211669 = 60ml**

**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:** viscous, various, characteristic

**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** not applicable

**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.  
**Special protective equipment for firefighters** Use self-contained breathing apparatus.  
**Additional information** Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

**6 Accidental release measures**

**Personal precautions, protective equipment and emergency procedures** High risk of slipping due to leakage/spillage of product.  
**Environmental precautions** Prevent spread over a wide area (e.g. by containment or oil barriers).  
 Do not discharge into the drains/surface waters/groundwater.  
**Methods and material for containment and cleaning up** Take up with absorbent material (e.g. general-purpose binder).  
 Dispose of absorbed material in accordance within the regulations.

**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.

**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 <sup>3</sup> , OSHA     |
| 0,1 - <1  | 1,3-Benzenediol / 10 ppm, 45 mg/m <sup>3</sup> , 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.

## 9 Physical and chemical properties

|   |                           |
|---|---------------------------|
| Form                                      | viscous                   |
| Color                                     | various                   |
| Odor                                      | characteristic            |
| pH-value                                  | strongly alkaline         |
| 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 [kPa]                     | not applicable            |
| Density [g/ml]                            | 0,97-1,05 (20°C / 68,0°F) |
| Bulk density [kg/m <sup>3</sup> ]         | 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            |

## 10 Stability and reactivity

|                                    |   |
|------------------------------------|---|
| 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 chapter 7                                     |
| Incompatible materials             | not determined                                    |
| Hazardous decomposition products   | No hazardous decomposition products known.        |

**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 <sup>3</sup> (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<br>EC50, (48h), Daphnia magna: 65 mg/l (IUCLID).<br>LC50, (96h), Pimephales promelas: 2070 mg/l (IUCLID). |
| 0,1 - <1  | 3-Aminophenol, CAS: 591-27-5<br>LC50, (48h), Oryzias latipes: 100 mg/l (Lit).   |
| 0,1 - <1  | 1,3-Benzenediol, CAS: 108-46-3<br>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 NO DANGEROUS GOODS

Classification according to IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Classification according to IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

DOT Road Shipment Information (49 CFR) NOT CLASSIFIED AS "DANGEROUS GOODS"

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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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