

Safety Data Sheet 91/155/EEC (US)

dualsenses Color leave-in serum

KPSS Inc.

Revision: 14.05.2008, Date printed: 15.05.2008

01. Chemical Product and Company Information

Product: dualsenses Color leave-in serum

Use: See product information

Article number: 205476=12x18ml, 205486=18ml,

Company: KPSS Inc.

Linthicum Heights, MD 21090

Phone: 001410-850-7555

Fax:

E-mail:

Homepage: www.kpss-hair.com

Emergency phone: 24 Hour Emergency 800-424-9300 (Chemtrec)

02. Composition / Information on Ingredients

CAS	Substance	Percent
64-17-5	Ethanol	10 - < 20
298-12-4	Glyoxylic acid	0,1 - < 1
68002-62-0	Quaternary ammonium compounds, C16-18-alkyltrimethyl, chlorides	0,1 - < 1

03. Hazards identification

R 10: Flammable. R001: May produce an allergic reaction.

0	HEALTH
2	FLAMMABILITY
0	REACTIVITY
1	PERSONAL PROTECTION

HMIS Ratings

Hazard Scale:

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe *=Chronic
(safety glasses, gloves and a dust/vapor respirator)

04. First aid measures

General information:	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:	In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek for medical treatment.
Ingestion:	Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.
Advice to doctor:	Treat symptomatically.

05. Fire-fighting measures

Suitable extinguishing media:	Alcohol-resistant 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	Risk of formation of toxic pyrolysis products.

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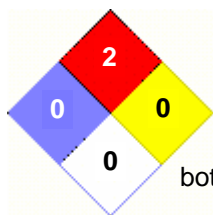
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products:

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.



NFPA Ratings: Hazard Scale

top = flammability: 0=Not combustible 1=Combustible 2=Caution 3=Warning 4=Danger

left = health: 0=No unusual hazard 1=Caution 2=Warning 3=Warning 4=Danger

right = reactivity: 0=Stable 1=Caution 2=Warning 3=Danger 4=Danger

bottom=special notice: W = water reactive OX = oxidizing agent

06. Accidental release measures

Personal precautions: Ensure adequate ventilation. Keep away sources of ignition. High risk of slipping due to leakage/spillage of product.

Environmental precautions: Do not discharge into the drains/surface waters/groundwater. Prevent spread over a wide area (e.g. by containment or oil barriers).

Methods for cleaning up: Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, silicious earth). Dispose of absorbed material in accordance within the regulations.

07. Handling and storage

Advice on safe handling: Use only in well-ventilated areas.

Advice on protection against fire and explosion: Keep away from sources of ignition - Refrain from smoking.

Requirements for storage rooms and vessels: Keep only in original container.

Advice on storage compatibility: none

Further information on storage conditions: Keep container tightly closed. Protect from heat/overheating.

08. Exposure controls / personal protection

Additional advice on system design:

Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored: (US)

Substance	[ppm]*	[mg/m ³]*	General remarks:
Ethanol	1000	1900	

* LTEL: Long-term exposure limit

Respiratory protection: not applicable
 Hand protection: not applicable
 Eye protection: Safety glasses.
 Skin protection: not applicable
 General protective measures: Avoid contact with eyes. Do not inhale gases/vapours/aerosols.
 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: not determined

09. Physical and chemical properties

Form: liquid
 Color: various
 Odor: characteristic
 pH-value: 4-4,5
 pH-value (1 %): not determined
 Boiling point [°C]: not determined
 Flash point [°C]: 39
 Flammability [°C]: not determined
 Lower explosion limit: not determined
 Upper explosion limit: not determined
 Combustible properties: no
 Vapour pressure [kPa]: not determined
 Density [g/ml]: ca. 0,98 20°C
 Bulk density [kg/m³]: not applicable
 Solubility in water: miscible
 Partition coefficient n-octanol/water (log Pow): not determined
 Viscosity: not applicable
 Relative vapour density determined in air: not determined
 Evaporation speed: not determined
 Melting point [°C]: not determined
 Autoignition temperature [°C]: not applicable
 Decomposition temperature [°C]: not applicable

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10. Stability and reactivity

Hazardous reactions:	Reactions with strong oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products known.

11. Toxicological information

Acute oral toxicity OECD 401:	not determined
Experiences made in practice:	none
General remarks:	Toxicological data are not available. The product was classified on the basis of the calculation procedure of the preparation directive.

12. Ecological information

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
General information:	Ecological data are not available.

13. Disposal considerations

US EPA Waste Number & Descriptions

Disposal / Product: Disposal in an incineration plant in accordance with the regulations of the local authorities.

Disposal / Contaminated packaging: Uncontaminated packaging may be taken for recycling.

RCRA Hazard Class (40 CFR 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

DOT Road Shipment Information (49 CFR 172.101)

Hazard Class:	3
Proper Shipping Name:	UN 1266 Perfumery products, 3, III
UN/NA Number:	UN 1266
Hazard Label(s)-Number:	3
<u>Classification according to IMDG:</u>	3
Declaration:	UN 1266, Perfumery products, 3 , PG: III (39°C c.c)
Labelling:	Perfumery products, UN 1266, Class: 3
Label:	3
LQ [l, kg]:	5 l
EmS:	F-E, S-D
<u>Classification according to IATA:</u>	3 III
Declaration:	Perfumery products, Class: 3 UN 1266 III
Labelling:	Perfumery products UN 1266
Label:	3

15. Regulatory information

Contents of this Material Safety Data Sheet comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Inventory Status

United States (TSCA): All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

European Union (EINECS/ELINCS): All chemicals in this product are included on the European Inventory of Existing Commercial Chemical Substances - EINECS or ELINCS

Federal Regulations

SARA Sections 302 This product does not contain any ingredients regulated under this list.

SARA Sections 313 This product does not contain any ingredients regulated under this list.

European classification

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

Hazard symbols:

R 10: Flammable. R001: May produce an allergic reaction.

S 23.4: Do not breathe spray. S 51: Use only in well-ventilated areas.

Special labelling for certain preparations

not applicable

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16. Other informations

- R 11: Highly flammable.
- R 22: Harmful if swallowed.
- R 34: Causes burns.
- R 41: Risk of serious damage to eyes.
- R 43: May cause sensitisation by skin contact.
- R 50: Very toxic to aquatic organisms.

16.1 Sources of documentation

Key / Legend

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; EINECS = 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 state of knowledge. It should not be constructed as guaranteeing specific properties of the materials described or their suitability for a particular application. Existing regulations must be observed by the recipient of our material under their own responsibility.

16.2 Modified position

none
