

**Safety Data Sheet 91/155/EEC (US)**  
**dualsenses Ultra volume leave-in serum**

**KPSS Inc.**

Revision: 14.05.2008, Date printed: 15.05.2008

**01. Chemical Product and Company Information**

**Product:** dualsenses Ultra volume leave-in serum

**Use:** See product information

**Article number:** 205477=12x18ml, 205487=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.

<b>0</b>	<b>HEALTH</b>
<b>2</b>	<b>FLAMMABILITY</b>
<b>0</b>	<b>REACTIVITY</b>
<b>1</b>	<b>PERSONAL PROTECTION</b>

**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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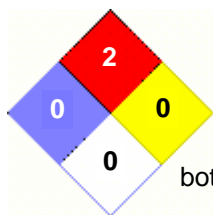
products:

Special protective equipment for firefighters: Use self-contained breathing apparatus.

firefighters:

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.

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**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 <sup>3</sup> ]*	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/m<sup>3</sup>]: 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.

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#### 14. Transport information

##### DOT Road Shipment Information (49 CFR 172.101)

<b>Hazard Class:</b>	3
<b>Proper Shipping Name:</b>	UN 1266 Perfumery products, 3, III
<b>UN/NA Number:</b>	UN 1266
<b>Hazard Label(s)-Number:</b>	3
<b><u>Classification according to IMDG:</u></b>	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
<b><u>Classification according to IATA:</u></b>	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

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