

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Product: dualsenses Sun Reflects Protect Spray
Article number: 205500 = 150ml
Registration number: not applicable
Use: See product information.
Identified use: Cosmetics
Method of operation: See product information.
Company: KPSS Inc.
 Linthicum Heights, MD 21090 / USA
Phone: 001410-850-7555
Fax:
Homepage: www.kpss-hair.com
Emergency phone: CHEMTREC: +1 703 527-3887 (24h)
Responsible: Simonavicius@chemiebuero.de

SECTION 2: HAZARDS IDENTIFICATION

Physico-chemical hazards: No particular hazards known.
Human health dangers: See R-phrases.
Environmental hazards: No particular hazards known.
Other hazards: none
Hazard symbols:



Harmful

WARNING: HARMFUL BY INHALATION.

Occupational Safety and Health Administration - OSHA:

This product is classified as hazardous in accordance to OSHA Standard 29 CFR 1910.1200.

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:

not determined

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3 - < 5%	Phenylsilsesquioxan, Trimethylsilyloxy
T, R23 CAS: 73559-47-4, EINECS/ELINCS: , EU-INDEX: , ECBnr:	
0,25 - < 1%	Polyquaternium-16
N, R51/53 CAS: 95144-24-4, EINECS/ELINCS: Polymer, EU-INDEX: , ECBnr:	
0,25 - < 1%	Cetrimonium chloride
N-Xn, R22-38-41-50 CAS: 112-02-7, EINECS/ELINCS: 203-928-6, EU-INDEX: , ECBnr:	

Comment on component parts: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory. For the wording of the listed risk phrases refer to section 16.

SECTION 4: 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: Consult a doctor immediately.
 Rinse out mouth and give plenty of water to drink.
Advice to doctor: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

- Suitable extinguishing media:** Dry powder.
Water spray jet.
Foam.
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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal precautions:** 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 for cleaning up:** Take up with absorbent material (e.g. general-purpose binder).
Dispose of absorbed material in accordance within the regulations.

SECTION 7: HANDLING AND STORAGE

- Advice on safe handling:** Use only in well-ventilated areas.
- Advice on protection against fire and explosion:**
No special measures necessary.
- Requirements for storage rooms and vessels:**
Keep only in original container.
- Advice on storage compatibility:** No special measures necessary.
- Further information on storage conditions:**
Keep container tightly closed.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- Additional advice on system design:**
Ensure adequate ventilation on workstation.
- Ingredients with occupational exposure limits to be monitored:**
not applicable
- Respiratory protection:** Breathing apparatus in the event of high concentrations.
Short term: filter apparatus, combination filter A-P2.
- Hand protection:** butyl rubber, > 120 min (EN 374)
- Eye protection:** Safety glasses.
- Skin protection:** not applicable
- General protective measures:** Avoid contact with eyes and skin.
Do not inhale aerosols.
- Hygiene measures:** Wash hands before breaks and after work.
Use barrier skin cream.
Do not eat, drink, smoke or take drugs at work.
- Delimitation and monitoring of the environmental exposition:**
not applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid
Color:	various
Odor:	characteristic
pH-value:	3-4
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 determined
Density [g/ml]:	~ 1
Density at [°C]:	20
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 determined
Autoignition temperature [°C]:	not applicable
Decomposition temperature:	not determined

SECTION 10: STABILITY AND REACTIVITY

Hazardous reactions:	Reactions with alkalis (lyes).
Hazardous decomposition products:	No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not determined
Reproduction toxicity:	not determined
Carcinogenicity:	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.

SECTION 12: ECOLOGICAL INFORMATION

Fish toxicity: not determinated
Daphnia toxicity: not determinated
Behaviour in environment compartments:
not determinated
Behaviour in sewage plant: not determinated
Bacteria toxicity: not determinated
Biological degradability: not determinated
COD: not determinated
BOD 5: not determinated
AOX-advice: not applicable
2006/11/EC: yes
General information: No classification on the basis of the calculation procedure of the preparation directive.

SECTION 13: DISPOSAL CONSIDERATIONS

40 CFR 172.101: 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

Classification according to ADR: NO DANGEROUS GOODS

- **Classification Code:**
- **Label:**

- **ADR LQ**

Classification according to IMDG: NOT CLASSIFIED AS "DANGEROUS GOODS"

- **EMS:**
- **Label:**

- **IMDG Limited Quantities:**

Classification according to IATA: NOT CLASSIFIED AS "DANGEROUS GOODS"

- **Label:**

SECTION 15: REGULATORY INFORMATION

MSDS prepared pursuant to the Hazard Communication Standard - HCS (CFR29 1910.1200)

Exposure scenario: not applicable

Chemical safety report: not applicable

Toxic Substance Control Act - TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

SARA Title III

- **Section 302** This product does not contain any ingredients regulated under this list.
- **Section 311** This product does not contain any ingredients regulated under this list.
- **Section 313** This product does not contain any ingredients regulated under this list.

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

Hazard symbols:



Harmful

Contains: Phenylsilsesquioxan, Trimethylsilyloxy

R-phrases: R 20: Harmful by inhalation.

S-phrases: S 2: Keep out of the reach of children.
 S 23.4: Do not breathe spray.
 S 46: If swallowed, seek medical advice immediately and show this container or label.
 S 51: Use only in well-ventilated areas.

Special labelling: none

Authorisation, TITEL VII: not applicable

Restrictions, TITEL VIII: not applicable

EEC-REGULATIONS: 1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.

TRANSPORT-REGULATIONS: DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2009).

NATIONAL REGULATIONS U.S. Federal Regulations: 29 CFR 1910.1200, ANSI Z400.1, OSHA-PEL, ACGIH-TLV, NTP, IARC, SARA Title III, NFPA, TSCA
 State- / international Regulations: Canada - WHMIS, California - Prop. 65, EUROPE - 1907/2006/EC

National Fire Protection Association- NFPA

Health: 2 - Warning
 Fire: 0 - Not combustible
 Reactivity: 0 - Stable - Not reactive when mixed with water
 Special Precautions: not applicable
 (Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme)

California Proposition 65 not determinated

VOC-/ROC-contend: <1%

SECTION 16: OTHER INFORMATIONS

R-phrases (Chapter 03): R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R 50: Very toxic to aquatic organisms.
 R 41: Risk of serious damage to eyes.
 R 38: Irritating to skin.
 R 22: Harmful if swallowed.
 R 23: Toxic by inhalation.

Observe employment restrictions for people:

yes

VOC (1999/13/CE): <1%