

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

Product: Silk Lift High Performance Lightener 500gr.
Article number: 201264
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) Transport
Responsible: Simonavicius@chemiebuero.de

SECTION 2: HAZARDS IDENTIFICATION

Physico-chemical hazards: See chapter 10 and R-phrases.
Human health dangers: See R-phrases.
Environmental hazards: The product/the substance has the Water Hazard Class 1.
Other hazards: none
Hazard symbols:



Harmful

WARNING: HARMFUL IF SWALLOWED.
 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
 MAY CAUSE SENSITISATION BY INHALATION AND SKIN CONTACT.
 HARMFUL - DANGER OF SERIOUS DAMAGE TO HEALTH BY PROLONGED EXPOSURE THROUGH 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 determinated

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

1 - < 10%	Ammonium chloride
Xn, R22-36 CAS: 12125-02-9, EINECS/ELINCS: 235-186-4, EU-INDEX: 017-014-00-8, ECBnr:	
1 - < 20%	Diammonium peroxodisulphate
Xn-O, R22-36/37/38-42/43-8 CAS: 7727-54-0, EINECS/ELINCS: 231-786-5, EU-INDEX: 016-060-00-6, ECBnr:	
25 - < 40%	Dipotassium peroxodisulphate
Xn-O, R22-36/37/38-42/43-8 CAS: 7727-21-1, EINECS/ELINCS: 231-781-8, EU-INDEX: 016-061-00-1, ECBnr:	
5 - < 10%	Disodium metasilicate
C, R34-37 CAS: 6834-92-0, EINECS/ELINCS: 229-912-9, EU-INDEX: 014-010-00-8, ECBnr:	
10 - < 20%	Kieselguhr, soda ash flux-calcined
Xn, R48/20 CAS: 68855-54-9, EINECS/ELINCS: 272-489-0, EU-INDEX: , ECBnr:	
1 - < 10%	Silicon dioxide
CAS: 112945-52-5, EINECS/ELINCS: 231-545-4, EU-INDEX: , ECBnr:	
1 - < 5%	Tetrasodium ethylene diamine tetraacetate
Xn, R22-36-52/53 CAS: 64-02-8, EINECS/ELINCS: 200-573-9, 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:	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 with plenty of water and seek medical advice.
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:	Carbon dioxide. Water spray jet. Foam. Dry powder.
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:	Ensure adequate ventilation. Use personal protective equipment. Use breathing apparatus if exposed to dust. Keep away from all sources of ignition.
Environmental precautions:	Do not discharge into the drains/surface waters/groundwater.
Methods for cleaning up:	Take up mechanically. Dispose of absorbed material in accordance within the regulations.

SECTION 7: HANDLING AND STORAGE

Advice on safe handling:	No special measures necessary if used correctly.
Advice on protection against fire and explosion:	Take precautionary measures against static discharges. Keep away from all sources of ignition.
Requirements for storage rooms and vessels:	Provide alkali-resistant floor. Keep only in original container.
Advice on storage compatibility:	Do not store together with acids. Do not store with combustible materials.
Further information on storage conditions:	Keep container tightly closed. Keep container in a well-ventilated place.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**Additional advice on system design:**

Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored:

1 - < 10%	Silicon dioxide, 10mg/m ³ *
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*** LTEL: Long-term exposure limit**

Respiratory protection: not applicable

Hand protection: Butyl rubber, >120 min (EN 374).

Eye protection: Safety glasses.

Skin protection: Light protective clothing.

General protective measures: Avoid contact with eyes and skin.
Do not inhale dust.

Hygiene measures: Do not eat, drink, smoke or take drugs at work.
Remove soiled or soaked clothing immediately.
Wash hands before breaks and after work.
Use barrier skin cream.

Delimitation and monitoring of the environmental exposition:

not determined

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form: powder

Color: light blue

Odor: characteristic

pH-value: not applicable

pH-value [1%]: 11,7-12,0 (3%ig)

Boiling point [°C]: not applicable

Flash point [°C]: not applicable

Flammability [°C]: not applicable

Lower explosion limit: not determined

Upper explosion limit: not determined

Oxidizing properties: no

Vapour pressure [kPa]: not applicable

Density [g/ml]: not determined

Density at [°C]:

Bulk density [kg/m³]: not determined

Solubility in water: soluble

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 determined

Decomposition temperature: not determined

SECTION 10: STABILITY AND REACTIVITY

Hazardous reactions: Reactions with acids.
Reactions with combustible substances.

Hazardous decomposition products:
Oxygen.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute oral toxicity:	not determinated
Acute dermal toxicity:	not determinated
Acute inhalational toxicity:	not determinated
Irritant effect on eye:	not determinated
Irritant effect on skin:	not determinated
Sensitization:	not determinated
Subacute toxicity:	not determinated
Chronic toxicity:	not determinated
Mutagenicity:	not determinated
Reproduction toxicity:	not determinated
Carcinogenicity:	not determinated
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.
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SECTION 14: TRANSPORT INFORMATION

Classification according to ADR:	NO DANGEROUS GOODS
- Classification Code:	
- Label:	
- ADR Limited Quantities:	
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 determinated

Chemical safety report: not determinated

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: Dipotassium peroxodisulphate
 Diammonium peroxodisulphate
 Kieselguhr, soda ash flux-calcined

R-phrases: R 22: Harmful if swallowed.
 R 36/37/38: Irritating to eyes, respiratory system and skin.
 R 42/43: May cause sensitisation by inhalation and skin contact.
 R 48/20: Harmful - danger of serious damage to health by prolonged exposure through inhalation.

S-phrases: S 22: Do not breathe dust.
 S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S 36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
 S 45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Special labelling: none

Authorisation, TITEL VII: not applicable

Restrictions, TITEL VIII: not applicable

EEC-REGULATIONS: 1967/548 (2004/73, 29. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.

TRANSPORT-REGULATIONS: DOT-Classification, ADR (2007); IMDG-Code (33. Amdt.); IATA-DGR (2008).

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
 Reactivity: 0 - Stable - Not reactive when mixed with water
 Special Precautions: IRR - Irritant
 (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 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R 8: Contact with combustible material may cause fire. R 48/20: Harmful - danger of serious damage to health by prolonged exposure through inhalation. R 42/43: May cause sensitisation by inhalation and skin contact. R 37: Irritating to respiratory system. R 36/37/38: Irritating to eyes, respiratory system and skin. R 34: Causes burns. R 22: Harmful if swallowed. R 36: Irritating to eyes.
Modified position:	Chapter: 20; Minus 0 - Not combustible Chapter: 20; Plus not applicable
Observe employment restrictions for people:	yes
VOC (1999/13/CE):	< 1%