

**SECTION 1: Identification of the substance / preparation and of the company**

<b>Product identifier</b>	<b>Silk Lift Intens. Cond. Serum Conc.</b> <b>Article number 201159 = 30ml</b>
<b>Relevant identified uses of the substance or mixture and uses advised against</b>	Conditioner
<b>Identified use</b>	Cosmetics
<b>Company</b>	KAO USA Inc.
	Linthicum Heights, MD 21090 / USA Phone 001410-850-7555
<b>Address enquiries to</b>	
<b>Emergency phone Advisory body</b>	CHEMTREC: +1 703 527-3887 (24h)
<b>Safety Data Sheet</b>	sdb@chemiebuero.de

**SECTION 2: Hazards identification****Emergency Overview**

**Appearance, Odor:** viscous, white, characteristic

**OSHA Regulatory Status**

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

**Potential health effects**

No particular hazards known.

**Potential environmental effects****SECTION 3: Composition / Information on ingredients**

The product is a mixture.

Range [%]	Substance
1 - <5	Glycerol
	CAS: 56-81-5
1 - <5	Cetrimonium chloride
	CAS: 112-02-7
1 - <5	Propane-1,2-diol
	CAS: 57-55-6

**Comment on component parts** Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%. For the wording of the listed risk phrases refer to SECTION 16.

**SECTION 4: First aid measures**

<b>Description of first aid measures</b>	none
<b>Inhalation</b>	not applicable
<b>Skin contact</b>	Consult a doctor if skin irritation persists.
<b>Eye contact</b>	In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek for medical treatment.
<b>Ingestion</b>	Seek medical advice immediately. Rinse out mouth and give plenty of water to drink.
<b>Indication of any immediate medical attention and special treatment needed</b>	Treat symptomatically.  Forward this sheet to the doctor.

**SECTION 5: Fire-fighting measures**

<b>Suitable extinguishing media</b>	All extinguishing media are suitable but method must take into account the surrounding area to minimize dispersion.
<b>Extinguishing media that must not be used</b>	Full water jet.
<b>Special exposure hazards arising from the substance or preparation itself or combustion products</b>	Unknown risk of formation of toxic pyrolysis products.
<b>Special protective equipment for firefighters</b>	Use self-contained breathing apparatus.
<b>Additional information</b>	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

**SECTION 6: Accidental release measures**

<b>Personal precautions, protective equipment and emergency procedures</b>	Forms slippery surfaces with water.
<b>Environmental precautions</b>	High risk of slipping due to leakage/spillage of product. Do not discharge into the drains/surface waters/groundwater.
<b>Methods and material for containment and cleaning up</b>	Take up with absorbent material (e.g. general-purpose binder).  Dispose of absorbed material in accordance with the regulations.

**SECTION 7: Handling and storage**

<b>Precautions for safe handling</b>	No special measures necessary if used correctly.
<b>Advice on protection against fire and explosion</b>	No special measures necessary.
<b>Requirements for storage rooms and vessels</b>	No special measures necessary.
<b>Advice on storage compatibility</b>	none
<b>Further information on storage conditions</b>	Keep container in a well-ventilated place. Keep container tightly closed.

**SECTION 8: Exposure controls / personal protection**

<b>Additional advice on system design</b>	No special measures necessary.
<b>Ingredients with occupational exposure limits to be monitored (US)</b>	

Range [%]	Substance
1 - < 5	Glycerol
	CAS: 56-81-5, EINECS/ELINCS: 200-289-5
	Long-term exposure: 15 mg/m <sup>3</sup> , (mist) total dust

<b>Respiratory protection</b>	not applicable
<b>Hand protection</b>	The details concerned are recommendations. Please contact the glove supplier for further information. In full contact butyl rubber, > 120 min (EN 374)
<b>Eye protection</b>	If there is a risk of splashing: Safety glasses.
<b>Skin protection</b>	None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals.
<b>General protective measures</b>	Avoid contact with eyes.
<b>Hygiene measures</b>	Wash hands before breaks and after work.
<b>Delimitation and monitoring of the environmental exposition</b>	not applicable

**SECTION 9: Physical and chemical properties**

Form	viscous
Color	white
Odor	characteristic
pH-value	6 - 7
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/gas pressure [kPa]	not determined
Density [g/ml]	~ 1,01
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Partition coefficient [n-octanol/water]	not determined
Viscosity	4500 - 6000 cP (20°C/ 68 °F) (Brookfield RV DVIII sp 3, 10 rpm )
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**

Reactivity	See SECTION 10.3.
Chemical stability	Stable under normal ambient conditions (ambient temperature).
Possibility of hazardous reactions	No hazardous reactions known.
Conditions to avoid	No special measures necessary.
Incompatible materials	No special measures necessary.
Hazardous decomposition products	No hazardous decomposition products known.

**SECTION 11: Toxicological information****Information on toxicological effects****Acute toxicity**

Range [%]	Substance
1 - <5	Glycerol, CAS: 56-81-5
	LD50, oral, Rabbit: 12600 mg/kg.
	LD50, oral, Rabbit: >18700 mg/kg.

Acute oral toxicity not determined

Acute dermal toxicity not determined

Acute inhalational toxicity not determined

Serious eye damage/irritation Non-irritant.

Skin corrosion/irritation Non-irritant.

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 No classification on the basis of the calculation procedure of the preparation directive.

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

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.

**SECTION 12: Ecological information****Toxicity**

Range [%]	Substance
1 - <5	Glycerol, CAS: 56-81-5
	EC50, (16h), Pseudomonas putida: >10000 mg/l.

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 No classification on the basis of the calculation procedure of the preparation directive.

Ecological data of complete product are not available.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

**SECTION 13: Disposal considerations**

Product For recycling, consult manufacturer.

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.

**Safety Data Sheet (SDS) conforms to ANSI Z400.1/Z129.1-2010 (29 CFR 1910) (US)****Silk Lift Intens. Cond. Serum Conc.****Article number 201159 = 30ml****KAO USA Inc.****Linthicum Heights, MD 21090**

Created: 04.09.2012, Revision 04.09.2012

Version 02. Supersedes version: 01

Page 5 / 6

**SECTION 14: Transport information**

Transport by land according to ADR/RID	NO DANGEROUS GOODS
Inland navigation (ADN)	NO DANGEROUS GOODS
Marine transport in accordance with IMDG	NOT CLASSIFIED AS "DANGEROUS GOODS"
Air transport in accordance with IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"
DOT Road Shipment Information (49 CFR)	NOT CLASSIFIED AS "DANGEROUS GOODS"

**SECTION 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	
- 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 (2012).

**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 EC-directives.
Hazard symbols	none
R-phrases	none
S-phrases	none
Special labelling	Safety data sheet available for professional user on request.

**SECTION 16: Other informations**

Observe employment restrictions for people	no
Customs Tariff	not determined
648/2004/CE	not applicable

**HMIS Ratings**

HEALTH	1	1 - Slight Hazard
FLAMMABILITY	0	0 - Minimal Hazard
REACTIVITY	0	0 - Minimal Hazard
PERSONAL PROTECTION	X	X - Personal protection rating to be supplied by user depending on use conditions

**NFPA Ratings**

0	TOP, FLAMMABILITY: 0 - Minimal Hazard
1 0	LEFT, HEALTH: 1 - Slight Hazard RIGHT, REACTIVITY: 0 - Minimal Hazard
-	BOTTOM, SPECIAL NOTICE: -

**Modified position**

SECTION 2 been added: The product does not require a hazard warning label in accordance with EC-directives.  
SECTION 2 been added: Safety data sheet available for professional user on request.  
SECTION 15 been added: 2, gem. VwVwS vom 27.07.2005

**Safety Data Sheet (SDS) conforms to ANSI Z400.1/Z129.1-2010 (29 CFR 1910) (US)**

**Silk Lift Intens. Cond. Serum Conc.**

**Article number 201159 = 30ml**

**KAO USA Inc.**

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Page 6 / 6

**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

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