Material Safety Data Sheet
According to 91/155 EEC(2001/58 EC)

1 Identification of substance:

· **Product details:**
· **Trade name: LIGA PASTE**

· **Application of the substance / the preparation** Skin cleaning agent

· **Supplier/Manufacturer:**
REGENT SKIN CARE
Unit C1, Austin Way, Hamstead Industrial Estate, Great Barr
Birmingham, B42 1DF, UK
Tel.: +44 0121 347 7010
Fax: +44 0121 347 7019
· **Information department:** KFT-Chemieservice Tel.: +49-6155-823241
· **Emergency information:** National Poisons Information Centre Tel.: +44 (0)870 6006266

2 Composition/Data on components:

· **Chemical characterization**
· **Description:** Pasty abrasive containing hand cleaner with anionic and non-ionic surfactants

Dangerous Components

CAS: 68955-19-1 EINECS: 273-257-1	Sulfuric acid, mono-C12-18-alkyl esters, sodium salts Xi; R 38-41	10-25%
CAS: 77-92-9 EINECS: 201-069-1	citric acid Xi; R 36	< 2.5%
CAS: 112-80-1 EINECS: 204-007-1	oleic acid, pure Xi; R 36/37/38	< 2.5%

· **Additional information** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

· **Hazard description:**
Xi Irritant
· **Information pertaining to particular dangers for man and environment:**
If used as intended the product is safe and compatible.
R 38 Irritating to skin.
R 41 Risk of serious damage to eyes.
· **Classification system:**
The classification corresponds to the current EC-directives.
The product is a cosmetic product which is not within the scope of the European regulations regarding the labelling of hazardous substances.
· **Additional information:**
When handling the product according to the intended use it is safe and skin compatible.
The following instructions are given in case of accidential misuse or accidents.

4 First aid measures

· **General information:** No special measures required.
· **After inhalation:** void
· **After skin contact:** Wash with water.
· **After eye contact:**
Rather unlikly if used appropriately.
Rinse opened eye for several minutes under running water.
If symptoms persist consult a doctor.
· **After swallowing:**
Unintentional swallowing is not very likely in the industrial area. If product is ingested:
Rinse out mouth and then drink plenty of water.

In case of unintentional swallowing of bigger quantities or if any symptoms occur seek medical treatment.
If babies/toddlers are concerned always consult a physician or the local Poison Information Centre.

5 Fire fighting measures

· **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire fighting measures that suit the environment.
· **Special hazards caused by the material, its products of combustion or resulting gases:**
Dangerous decomposition product see chapter 10: stability and reactivity
· **Protective equipment:** Wear self-contained respiratory protective device.
· **Additional information:**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

· **Person-related safety precautions:** Particular danger of slipping on leaked/spilled product.
· **Measures for environmental protection:**
The following information refer to the leackage of large quantities:
Do not allow product to reach sewage system or any water course.
Do not allow to penetrate the ground/soil.
· **Measures for cleaning/collecting:**
If spilled/leaked: absorb main quantity with cloth.
Residues rinse with water.

7 Handling and storage

· **Handling**
· **Information for safe handling:** No special precautions are necessary if used correctly.
· **Information about protection against explosions and fires:** No special measures required.
· **Storage**
· **Requirements to be met by storerooms and receptacles:** Store at room temperature
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:** Protect from frost.

8 Exposure controls and personal protection

· **Additional information about design of technical systems:** No further data; see item 7.
· **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· **Additional information:** The lists that were valid during the creation were used as basis.
· **Personal protective equipment**
· **General protective and hygienic measures:**
The usual precautionary measures should be adhered to when handling chemicals.
Avoid contact with the eyes.
Avoid prolonged contact of the undiluted product with the skin.
· **Breathing equipment:** Not required.
· **Protection of hands:** Not required.
· **Material of gloves:** -
· **Penetration time of glove material:** -
· **Eye protection:** Not required.
· **Body protection:** Not required.

9 Physical and chemical properties:

· **General Information**

Form:	creamy
Colour:	White
Odour:	scented

· **Change in condition:**

Melting point/Melting range:	undetermined
Boiling point/Boiling range:	undetermined
Flash point:	not applicable
· **Self igniting:**	Product is not self-igniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Density at 20°C:**	~1.048 g/cm³
· **Solubility in / Miscibility with**	
Water:	Partly soluble
· **pH-value at 20°C:**	6.0-7.0

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
· **Dangerous reactions:** No dangerous reactions known
· **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

· **Acute toxicity:**
· **LD/LC50 values that are relevant for classification:** No toxicity data are available for the product itself.
· **Primary irritant effect:**
· **on the skin:** Prolonged exposition to the undiluted product may irritate the skin.
· **on the eye:** Irritating effect.
· **Sensitization:** No sensitizing effects known.
· **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and
the information provided to us.

12 Ecological information

· **Ecotoxical effects:**
· **Aquatic toxicity:** Presently there are no ecotoxicological values available.
· **General notes:**
In accordance with the requirements of the RVO in the Act on Detergents and Cleansing Agents, tensides are biodegradable up to at least 90 %.
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
According to appendix 4 of VwVwS dated 17.05.1999 (German regulation)


Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

13 Disposal considerations

· **Product:**
· **Recommendation:**
Smaller quantities can be disposed of with household waste.
Disposal according to instructions of local authorities.
· **Uncleaned packagings:**
· **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

14 Transport information

· **Land transport ADR/RID (cross-border)**
· **ADR/RID class:** No hazardous good according to the regulation.
· **Maritime transport IMDG:**
· **IMDG Class:** No hazardous good according to the regulation.
· **Marine pollutant:** No
· **Air transport ICAO-TI and IATA-DGR:**
· **ICAO/IATA Class:** No hazardous good according to the regulation.

15 Regulations

· **Markings according to EC guidelines:**
As a cosmetic preparation, the product is not subject to the provisions of the Chemical Law and the Ordinance on Hazardous Materials. However, general safety regulations should be observed.

· **Code letter and hazard designation of product:**
Xi Irritant

· **Risk phrases:**
38 Irritating to skin.
41 Risk of serious damage to eyes.

· **Safety phrases:**
25 Avoid contact with eyes.

· **National regulations**

· **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

· **Other regulations, limitations and prohibitive regulations**
The product is subject ot the Cosmetic Directive (76/768/EEC) in its current version.

16 Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases:**

as mentioned in chapter 2 and 3 of the safety data sheet (not relevant for the labelling of the product)

36	Irritating to eyes.
36/37/38	Irritating to eyes, respiratory system and skin.
38	Irritating to skin.
41	Risk of serious damage to eyes.