

**SAFETY DATA SHEET**  
**(According to 1907/2006/EEC)**  
**SILONE PE**



**1. IDENTIFICATION OF THE SUBSTANCES / PREPARATION AND OF THE COMPANY / UNDERTAKING**

**Product Name** : SILONE PE  
**Use of the substance/preparation** : Process aid for industrial application in textile industry  
**Manufacturer / Supplier** : H.O. : BRITACEL SILICONES LTD  
 F-18, STREET NO.23, MIDC, MAROL,  
 ANDHERI (E), MUMBAI – 400 093.

Fact :

PLOT NO. L –124, 125 & 126,  
 VERNA INDUSTRIAL ESTATE,  
 VERNA PHASE – III, GOA – 403 772.

**Contact** : Customer service : +91 22 40094000  
 Product Disposal Information: +91 832 278 2929  
 +91 832 278 3939

**Emergency information** : Email- [bsl@britacelsilicones.com](mailto:bsl@britacelsilicones.com)  
 : Emergency Telephone: +91 22 4009 4002

**2. HAZARDOUS IDENTIFICATION**

As per classification rules in Directive 67/548/EEC or 1999/45/EC, **SILONE PE is not classified as dangerous preparation.**

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

None of the ingredients are classified as dangerous in the preparation SILONE PE

**4. FIRST AID MEASURES**

- Inhalation : P301 + P313 if inhaled get medical advice.
- Skin contact : P332 + P351 if skin irritation occurs rinse continuously with water for several mins.
- Eye contact : P305+P351+P338.If eye irritation occurs rinse continuously with water for several minutes. Remove contact lenses if present and easy to do continue rinsing.
- Ingestion : P 301 + P330 +P313 if swallowed rinse mouth get medical advice.

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#### 5. FIRE-FIGHTING MEASURES

- Flammable class** : Not combustible  
**Extinguishing media** : All extinguishing media can be used.  
**Surrounding fires** : Use water spray or fog for cooling exposed containers.  
**Special procedures** : Exercise caution when fighting any chemical fire.

#### 6. ACCIDENTAL RELEASE MEASURES

- Clean up method** : On land, sweep or shovel into suitable containers.  
 Dilute residues and flush.

#### 7. HANDLING AND STORAGE

- Storage** : P404 + P 411 +P271. Store in closed container. Store at temperature not exceeding 30°C. store in well ventilated area.  
**Handling** : P 280 wear protective gloves/ eye protection.  
 Keep container closed use with adequate ventilation.  
 P 264 wash thoroughly after handling.

#### 8. EXPOSURE CONTROL/ PERSONAL PROTECTION

##### Personal Protection



P 262 do not get in eyes, on skin or on clothing.

- Respiratory Protection** : No special respiratory protection equipments is recommended under normal conditions of use with adequate ventilation
- Skin protection** : Wear gloves.
- Eye protection** : Wear eye protection appropriate to conditions of use when handling this material.
- Ingestion** : Ingestion unlikely.  
 P301 + P330 +P313. If swallowed rinse mouth, get medical advice.
- Industrial Hygiene** : P271 use outdoors or in a well ventilated area.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical Nature</b>	: Flowable liquid
<b>Appearance</b>	: off white to hazy liquid
<b>Odour</b>	: Organic Silicone
<b>Solubility in water @ 25° C</b>	: Soluble
<b>Specific Gravity @ 25° C</b>	: 0.99 – 1.05
<b>Ph (10% solution)</b>	: 5 - 8

#### 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	: Generally stable under normal condition of handling and storage without any contamination.
<b>Condition to avoid</b>	: Heating above 30°C.
<b>Incompatibility with other materials.</b>	: Strong acids, alkalies, chelating agents
<b>Hazardous decomposition products</b>	: No hazardous decomposition occurs
<b>Hazardous Polymerisation</b>	: Temperature above 175°C polymerization occurs.
<b>Effect of weather (Humidity, Oxygen, Carbon dioxide)</b>	: No effect.

#### 11. TOXICOLOGICAL INFORMATION


<b>Rat oral LD50 (mg/kg)</b>	: > 2000 estimated value from available datas.
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#### 12. ECOLOGICAL INFORMATION

The product is a emulsion of high molecular, liquid polymer and is characterized by a very low vapour pressure. It can enter the atmosphere only as an Aerosol.

Investigations showed that siloxane does not have toxic effect on sludge organism. Tests showed that siloxane containing sludge brought on agriculture soil did not give negative effects on ground organisms, earthworm and the following growth of the plants.

In the ground siloxane is decomposed into small silicones molecules abiotically. These small silicone molecules are decomposed biologically in the soil or evaporate from the soil and are decomposed in the

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atmosphere under the influence of light. Under suitable conditions the following decomposition products are obtained;

Carbondioxide, inorganic silicone and water vapour.

The size of high molecular siloxane molecule prevents the absorption into or passage through biological membranes.

**fish LC50 (mg/kg)** : > 100 estimated value from available datas.

**Biodegradability** : >70% (OECD 301D)

### 13. DISPOSAL CONSIDERATION

**General** : P501 dispose of contents / container in a safe manner in accordance with local / natural regulations.

### 14. TRANSPORT INFORMATION

**General information** : Not regulated

### 15. REGULATORY INFORMATION

**Symbol(s)**



**H statements**


: Health Hazards: H320 may cause eye irritation in few cases.

**P statements.**

: **Prevention precautionary statements.**  
P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash thoroughly after handling  
P271 Use only outdoors or in a well ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
**Response precautionary statements**  
P301 +P313 if swallowed, get medical advice/attention  
P305 + P351 if in eyes, rinse continuously with water for several minutes.  
P330 + P332 rinse mouth, if skin irritation occurs  
P338 remove contact lenses if present and easy to do. Continue rinsing

**Storage precautionary statements**

P404 + P411 + P271 store in a closed container at temperature not exceeding 30°C. store in well ventilated area.

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**16. OTHER INFORMATION**

**Further information** : NONE