


Page - 1 -	<p style="text-align: center;"><b>SAFETY DATA SHEET</b> <b>(According to 1907/2006/EC)</b></p> <p style="text-align: center;"><b>ULTRASIL 178</b></p>	
Revised edition no. : 2		
DATE : JUNE'2020		

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

**Product Name** : **ULTRASIL 178**

**Use of the substance/preparation** : Process aid for industrial application in textile industry

: H.O. : BRITACEL SILICONES LTD  
F-18, STREET NO.23, MIDC, MAROL,  
ANDHERI (E), MUMBAI – 400 093.

**Manufacturer / Supplier** Fact :  
PLOT NO. L –124, 125 & 126,  
VERNA INDUSTRIAL ESTATE,  
VERNA PHASE – III, GOA – 403 772.

**Contact** : Customer service : +91 22 400 94000  
Product Disposal Information: +91 832 278 2929  
+91 832 278 3939  
Email: - [bsl@britacelsilicones.com](mailto:bsl@britacelsilicones.com)

**Emergency information** : Emergency Telephone: +91 22 4009 4002

## 2. HAZARDOUS IDENTIFICATION

As per classification rules in Directive 67/548/EEC or 1999/45/EC, **ULTRASIL 178 is not classified as dangerous preparation.**

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

None of the ingredients are classified as dangerous in the preparation **ULTRASIL 178.**

## 4. FIRST AID MEASURES

- Inhalation : Assure fresh air breathing

- Skin contact : Not expected to require first aid measures.

- Eye contact : Rinse immediately with water.

- Ingestion : Rinse mouth

## 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.

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## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

**Storage** : Store in cool & dry place with enough ventilation.  
Do not store above 30 deg C and below 10 deg C.

**Shelf life** : 6 months from month of Manufacturing if stored as above.  
Keep the container tightly sealed after every use.

**Handling** : Do not get in eyes.  
Keep container closed.  
Use with adequate ventilation.  
Wash thoroughly after handling.

## 8. EXPOSURE CONTROL/ PERSONAL PROTECTION

### Personal Protection



**Respiratory Protection** : No special respiratory protection equipments is recommended under normal conditions of use with adequate ventilation

**Skin protection** : wear gloves.

**Eye protection** : Even though no specific eye irritation data is available, wear eye protection appropriate to conditions of use when handling this material.

**Ingestion** : Ingestion unlikely.

**Industrial Hygiene** : Provide adequate ventilation to minimize dust and /or vapor concentration.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical Nature** : Flowable liquid


**Appearance** : Clear to pale yellow liquid

**Odour** : Organic Silicone

**Solubility in water @ 25°C** : Soluble

**Specific Gravity @ 25°C - 30°C** : 0.99 – 1.05

**pH (Meter) (5% Solution)** : 5 - 7

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#### 10. STABILITY AND REACTIVITY

**Hazardous decomposition products** : None under normal conditions  
**Hazardous reactions** : None under normal conditions  
**Hazardous properties** : None under normal conditions

#### 11. TOXICOLOGICAL INFORMATION

**Rat oral LD50 (mg/kg)** : > 2000 estimated value from available datas.

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

Carbondioxide, inorganic silicones and water vapour.

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

**Owing to the low water solubility of siloxane, OECD 302 B standard procedure for testing BIOELIMINATION is applied.**


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

#### 13. DISPOSAL CONSIDERATION

**General** : Dispose in a safe manner in accordance with local/national regulations.

#### 14. TRANSPORT INFORMATION

**General information** : Not regulated

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**15. REGULATORY INFORMATION**

**Symbol(s)** : None  
**R-phrase(s)** : None  
**S-Phrase(s)** : S20/21 – When using, do not eat, drink or smoke.  
S28 – After contact with skin, wash immediately with plenty of water.

**16. OTHER INFORMATION**

**Further information** : NONE