SOFTICONE SMI
ICI Pakistan Ltd.
5 WEST WHARF KARACHI
EMERGENCY TELEPHONE: 111-100-200

SECTION NUMBER AND HEADING

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1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY

1.1 CHEMICAL PRODUCT
SOFTICONE SMI

1.2 APPLICATION
TEXTILE AUXILIARY

1.3 COMPANY IDENTIFICATION
I.C.I Pakistan Ltd.

1.4 EMERGENCY TELEPHONE
111-100-200

2. COMPOSITION/ INFORMATION ON INGREDIENTS

2.1 CHEMICAL DESCRIPTION
POLYSILOXANE

2.2 HAZARDOUS INGREDIENTS
<table>
<thead>
<tr>
<th>C.P.I CLASS</th>
<th>CAS No.</th>
<th>EINECS NO</th>
<th>WT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td>N.A</td>
<td>NA</td>
<td>N.A</td>
</tr>
</tbody>
</table>
3. **HAZARDS IDENTIFICATION**

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact</td>
<td>May cause eye irritation</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>May cause skin irritation</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause irritation of the gastrointestinal tract</td>
</tr>
<tr>
<td>Inhalation</td>
<td>At room temperature, vapors are not expected to form. If material is heated, vapor concentration may become sufficient to cause respiratory irritation.</td>
</tr>
</tbody>
</table>

4. **FIRST AID MEASURES**

4.1 **Eye Contact**

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

4.2 **Skin Contact**

Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

4.3 **Ingestion**

Immediately calls physician. If swallowed, induce vomiting immediately as directed by medical personnel. If person vomits while lying on his back, place him in an upright position.

4.4 **Inhalation**

If difficulties occur after vapor/aerosol has been inhaled, remove to fresh air and seek medical attention.

5. **FIRE EXTINGUISHING MEDIA**

5.1 **Extinguishing Media**

Water spray, foam and dry chemical powder, CO2.

5.2 **Fire and Explosion Hazards**

There are no known unusual fire or explosion hazards.

5.3 **Protective Measures**

A self-full oxygen bottle contained breathing should be used to quench fire. Suggested protective clothing.
6. **ACCIDENTAL RELEASE MEASURES**

6.1 PERSONAL PRECAUTIONS

AVOID DIRECT CONTACT WITH EYES.

6.2 ENVIRONMENTAL PRECAUTIONS

DO NOT ALLOW CHEMICAL TO ENTER WATER SOURCES AND SEWER SYSTEMS.

6.3 CLEANING UP

CONTAIN SPILLAGES WITH SAND, EARTH OR ANY SUITABLE ADSORBENT MATERIAL. TRANSFER TO A CONTAINER FOR DISPOSAL. WASH THE SPILLAGE AREA. CLEAN WITH WATER AND DETERGENT.

7. **STORAGE AND HANDLING**

7.1 HANDLING

WHEN HANDLING ALL CHEMICALS, OBSERVE GOOD STANDARDS OF INDUSTRIAL HYGIENE TO AVOID SWALLOWING AND EYE CONTACT.

7.2 STORAGE

KEEP ONLY THE ORIGINAL CONTAINER IN A WELL-VENTILATED PLACE AWAY FROM EXCESS HEAT AND COOL KEEP CONTAINER TIGHTLY CLOSED.

8. **EXPOSURE CONTROLS/ PERSONAL PROTECTION**

8.1 EYES

GOOGLES

8.2 RESPIRATION

APPROVED ORGANIC VAPOR MIST RESPIRATOR AS NECESSARY

8.3 HAND PROTECTION

PVC GLOVES

8.4 SKIN PROTECTION

AVOID CONTACT WITH SKIN

9. **PHYSICAL/ CHEMICAL PROPERTIES**

9.1 APPEARANCE

COLOURLESS LIQUID

9.2 ODOR

NOT APPLICABLE

9.3 PH

5.0 – 6.0

9.4 VISCOSITY

NOT APPLICABLE

9.5 FREEZING POINT

NOT APPLICABLE

9.6 FREEZE THAW RECOVERY

NOT APPLICABLE
9.7 BOILING POINT NOT APPLICABLE
9.8 MELTING POINT NOT APPLICABLE
9.9 FLASH POINT NOT APPLICABLE
9.10 AUTOFLAMMABILITY NOT APPLICABLE
9.11 EXPLOSIVE PROPERTIES NOT APPLICABLE
9.12 VAPOUR PRESSURE NOT APPLICABLE
9.13 VAPOUR DENSITY NOT APPLICABLE
9.14 RELATIVE DENSITY NOT APPLICABLE
9.15 SOLUBILITY DISPERSABLE IN WATER
9.16 PARTITION COEFFICIENT NOT APPLICABLE

10. STABILITY AND REACTIVITY
10.1 STABILITY STABLE
10.2 CONDITIONS TO AVOID NONE
10.3 MATERIALS TO AVOID IGNITION SOURCES
10.4 RECOMMENDED MATERIALS FOR EQUIPMENT COMPATIBLE WITH ALL MATERIALS
10.5 HAZARDOUS DECOMPOSITION PRODUCTS OXIDES OF CARBON, SULPHUR AND NITROGEN

11. TOXICOLOGICAL INFORMATION
CARCINOGENICITY NOT LISTED BY ACGIH, IARC, NIOSH, NTP, OR OSHA
EPIDEMIOLOGY NO DATA AVAILABLE
TERATOGENICITY NO DATA AVAILABLE
REPRODUCTIVE EFFECTS NO DATA AVAILABLE
NEUROTOXICITY NO DATA AVAILABLE
MUTAGENICITY NO DATA AVAILABLE
OTHER STUDIES

NO DATA AVAILABLE

12. ECOLOGICAL INFORMATION

12.1 LC 50 NOT ASSESSED

12.2 BOD NOT ASSESSED

12.3 COD NOT ASSESSED

12.4 OTHER THE PRODUCT IS SOLUBLE IN WATER.

THE PRODUCT, BY ANALOGY, IS EXPECTED TO BE PARTIALLY BIODEGRADABLE. EXPECTED TO BE OF LOW TOXICITY TO AQUATIC LIFE. THE PRODUCT IS SUBSTANTIALLY REMOVED IN BIOLOGICAL TREATMENT PROCESSES.

13. DISPOSAL CONSIDERATIONS

DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION.

14. TRANSPORT INFORMATION

14.1 PACKAGING 30 AND 200 KG PACKING.

14.2 FREIGHT CLASSIFICATIONS NOT APPLICABLE

UN NUMBER NOT APPLICABLE

ADR NUMBER NOT APPLICABLE

IMDG NUMBER NOT APPLICABLE

PACKING GROUP NOT APPLICABLE

TERM CARD NOT APPLICABLE

15. REGULATORY INFORMATION

15.1 C.P.L CLASSIFICATION NOT APPLICABLE

HAZARD PICTOGRAM
ICI PAKISTAN LTD.

ICI Pakistan Limited
Chemical Business

RISK PHRASES    N.A

SAFETY PHRASES    N.A

15.2 OTHER LEGISLATION    NOT APPLICABLE

16. OTHER INFORMATION

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