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1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY

1.1 CHEMICAL PRODUCT SOFTICONE SME

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.L 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>N.A</td>
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</table>
3. HAZARDS IDENTIFICATION

EYE CONTACT    MAY CAUSE EYE IRRITATION
SKIN CONTACT    MAY CAUSE SKIN IRRITATION
INGESTION       MAY CAUSE IRRITATION OF THE GASTROINTESTINAL TRACT
INHALATION      AT ROOM TEMPERATURE, VAPORS ARE NOT EXPECTED TO FORM. IF MATERIAL IS HEATED, VAPOR CONCENTRATION MAY BECOME SUFFICIENT TO CAUSE RESPIRATORY IRRITATION.

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 CALL A 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

GENERAL INFORMATION AS IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING APPARATUS WITH PRESSURE ON DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR. PRODUCT WILL BURN IF INVOLVED IN A FIRE.

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**
MILKY WHITE LIQUID

9.2 **ODOUR**
NOT APPLICABLE

9.3 **PH**
4.5 – 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 DISPERSEABLE 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 120 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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