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

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1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY

1.1 CHEMICAL PRODUCT
SOFTICONE SD

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 INGREDIENT
DIMETHYL AMINO POLYSILOXANE

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<thead>
<tr>
<th>CAS No.</th>
<th>WT %</th>
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<td>67923-08-4</td>
<td>25-40</td>
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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 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 VAPOUR/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
COLOURLESS - YELLOW CLEAR LIQUID

9.2 ODOUR
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
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
RISK PHRASES    N.A

SAFETY PHRASES    N.A

15.2 OTHER LEGISLATION    NOT APPLICABLE

16. OTHER INFORMATION

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