



## **SOFTICONE SMI**

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 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	C.P.L CLASS	CAS No.	EINECS NO	WT %
	NONE	N.A	NA	N.A	N.A



**3. HAZARDS IDENTIFICATION**

EYE CONTACT	MAY CAUSE EYE IRRITATION
SKIN CONTACT	MAY CAUSE SKIN IRRITATION
INGESTION	MAY CAUSE IRRITATION OF THEGASTROINTESTINAL TRACT
INHALATION	AT ROOM TEMPERATURE, VAPORS ARE NOEXPECTED TO FORM. IF MATERIAL ISHEATED VAPOR CONCENTRATION MAYBECOME SUFFICIENT TO CAUSERESPIRATORY IRRITATION.

**4. FIRST AID MEASURES**

4.1 EYE CONTACT	IMMEDIATELY FLUSH EYES WITH PLENTY OFWATER FOR AT LEAST 15 MINUTES,OCCASIONALLY LIFTING THE UPPER AND LOWER EYELIDS. GET MEDICAL AID.
4.2 SKIN CONTACT	IMMEDIATELY FLUSH SKIN WITH PLENTY OFSOAP AND WATER FOR AT LEAST 15MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.
4.3 INGESTION	IMMEDIATELY CALLS PHYSICIAN. IFSWALLOWED, INDUCE VOMITINGIMMEDIATELY AS DIRECTED BYMEDICAL PERSONNEL. IF PERSON VOMITSWHILE LYING ON HIS BACK, PLACE HIM IN ANUPRIGHT POSITION.
4.4 INHALATION	IF DIFFICULTIES OCCUR AFTERTVAPOUR/AEOSOL HAS BEEN INHALED,REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.

**5. FIRE EXTINGUISHING MEDIA**

<b>GENERAL INFORMATION</b>	AS IN ANY FIRE, WEAR A SELF-CONTAINEDBREATHING APPARATUS WITH PRESSUREON 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 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
<b>10.</b>	<b>STABILITY AND REACTIVITY</b>	
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
<b>11.</b>	<b>TOXICOLOGICAL INFORMATION</b>	
	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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