



SOFTICONE AN-MA ECO

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

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| 1.1 | CHEMICAL PRODUCT | SOFTICONE AN-MA ECO |
| 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

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|-----|-----------------------|--------------|---------|-----------|------|
| 2.1 | CHEMICAL DESCRIPTION | POLYSILOXANE | | | |
| 2.2 | HAZARDOUS INGREDIENTS | C.P.I 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 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/AEOL 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

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| 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

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| 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

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| 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

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| 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	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 INWATER.

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 NATIONALLEGISLATION.

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

ISSUE NUMBER

4

DATE FEB 2016