



SOFTICIL ESP

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

SECTION NUMBER AND HEADING

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY
2. COMPOSITION/ INFORMATION ON INGREDIENTS
3. HAZARDS IDENTIFICATION
4. FIRST AID MEASURES
5. FIRE FIGHTING MEASURES
6. ACCIDENTAL RELEASE MEASURES
7. STORAGE AND HANDLING
8. EXPOSURE CONTROLS/ PERSONAL PROTECTION
9. PHYSICAL/ CHEMICAL PROPERTIES
10. STABILITY AND REACTIVITY
11. TOXICOLOGICAL INFORMATION
12. ECOLOGICAL INFORMATION
13. DISPOSAL CONSIDERATIONS
14. TRANSPORT INFORMATION
15. REGULATORY INFORMATION
16. OTHER INFORMATION

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY

1.1	CHEMICAL PRODUCT	SOFTICIL ESP
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	QUARTERNISED AMMONIUM SALT DERIVATIVE			
2.2	HAZARDOUS INGREDIENTS	C.P.L CLASS	CAS No.	EINECS NO	WT %
	NONE	N.A	NA	N.A	N.A



3. HAZARDS IDENTIFICATION

THIS PRODUCT CONTAINS NO HAZARDOUS MATERIAL.

4. FIRST AID MEASURES

- | | | |
|-----|--------------|--|
| 4.1 | EYE CONTACT | FLUSH EYE LIBERALLY WITH WATER
IF IRRITATION PERSIST OBTAIN MEDICAL ATTENTION |
| 4.2 | SKIN CONTACT | WASH SKIN WITH WATER, USING SOAP |
| 4.3 | INGESTION | TREAT SYMPTOMATICALLY |
| 4.4 | INHALATION | NOT APPLICABLE |

5. FIRE EXTINGUISHING MEDIA

- | | | |
|-----|----------------------------|------------------------------|
| 5.1 | EXTINGUISHING MEDIA | NOT REQUIRED |
| 5.2 | FIRE AND EXPLOSION HAZARDS | THE PRODUCT IS NOT FLAMMABLE |

6. ACCIDENTAL RELEASE MEASURES

- | | | |
|-----|---------------------------|---|
| 6.1 | PERSONAL PRECAUTIONS | NONE |
| 6.2 | ENVIRONMENTAL PRECAUTIONS | NONE |
| 6.3 | CLEANING UP | ABSORB ONTO SAND OR SAW DUST AND SWEEP UP |

7. STORAGE AND HANDLING

- | | | |
|-----|------------------------|---|
| 7.1 | STORAGE | STORE AT ROOM TEMPERATURE PROTECT FROM FROST |
| 7.2 | RECOMMENDED SHELF LIFE | 12 MONTHS |
| 7.3 | HANDLING | HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTISES AND USUAL SAFETY MEASURES |

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- | | | |
|-----|---------------------------------------|------|
| 8.1 | OCCUPATIONAL EXPOSURE LIMITS CHEMICAL | NONE |
| 8.2 | ENGINEERING MEASURES | NONE |
| 8.3 | PERSONAL PROTECTIVE EQUIPMENT | |



RESPIRATORY PROTECTION	NOT REQUIRED
HAND PROTECTION	WEAR GLOVES
EYE PROTECTION	WEAR GOGGLES
SKIN PROTECTION	AVOID CONTACT WITH SKIN

9. PHYSICAL/ CHEMICAL PROPERTIES

9.1	APPEARANCE	LIGHT YELLOW TO OFF WHITE POURABLE PASTE
9.2	ODOUR	CHARACTERISTIC OF FATTY ACID
9.3	PH	4.0 – 6.0
9.4	SOLUBILITY	DISPERSABLE IN HOT WATER

10. STABILITY AND REACTIVITY

10.1	STABILITY	STABLE UNDER NORMAL WORKING CONDITIONS
10.2	CONDITIONS TO AVOID	NONE KNOWN
10.3	MATERIALS TO AVOID	NONE KNOWN
10.4	RECOMMENDED MATERIALS FOR EQUIPMENT	COMPATIBLE WITH MOST MATERIALS
10.5	HAZARDOUS DECOMPOSITION PRODUCTS	NONE KNOWN

11. TOXICOLOGICAL INFORMATION

11.1	SHORT TERM EFFECTS	
	EYE CONTACT	IRRITANT TO EYES
	SKIN CONTACT	IRRITANT TO SKIN
	INGESTION	NOT ASSESSED
	INHALATION	NOT ASSESSED
11.2	CHRONIC EFFECTS	NONE



12. ECOLOGICAL INFORMATION

- 12.1 Acute fish toxicity: LC 50 > 5- 30 mg product/l
- 12.2 Acute Bacteria Toxicity: EC 50 > 30 mg product/l


13. DISPOSAL CONSIDERATIONS

DISPOSE IN ACCORDANCE WITH LOCAL REGULATIONS i.e. TIPPING

14. TRANSPORT INFORMATION

- 14.1 PACKAGING 175 Kg PACKING
- 14.2 FREIGHT CLASSIFICATIONS Xi
 - 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 Xi
- RISK PHRASES R-36
- SAFETY PHRASES S-26
- 15.2 OTHER LEGISLATION NOT APPLICABLE

16. OTHER INFORMATION

WATER POLLUTING CLASS (WGK) = 1

ISSUE NUMBER 5 DATE FEB 2016