1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND THE COMPANY
   1.1 CHEMICAL PRODUCT                          SOFTICIL NIS EXTRA
   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
N.A

5.2 FIRE AND EXPLOSION HAZARDS
THE PRODUCT IS NOT FLAMMABLE

5.3 PROTECTIVE MEASURES
N.A

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 PRACTICES 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

RESPIRATOR PROTECTION
NOT REQUIRED

HAND PROTECTION
WEAR GLOVES

EYE PROTECTION
WEAR GOGGLES

SKIN PROTECTION
AVOID CONTACT WITH SKIN

9. PHYSICAL/ CHEMICAL PROPERTIES

9.1 APPEARANCE
WHITE - OFF WHITE FLOWABLE LIQUID

9.2 ODOR
N.A

9.3 PH
6.5 – 7.5

9.4 VISCOSITY
NOT ASSESSED

9.5 FREEZING POINT
NOT ASSESSED

9.6 FREEZE THAW RECOVERY
NOT ASSESSED

9.7 BOILING POINT
NOT ASSESSED

9.8 MELTING POINT
NOT ASSESSED

9.9 FLASH POINT
NOT ASSESSED

9.10 AUTOFLAMMABILITY
NOT ASSESSED

9.11 EXPLOSIVE PROPERTIES
NOT ASSESSED

9.12 VAPOUR PRESSURE
NOT ASSESSED

9.13 VAPOUR DENSITY
NOT ASSESSED

9.14 RELATIVE DENSITY
NOT ASSESSED

9.15 SOLUBILITY
DISPERSCABLE IN HOT WATER

9.16 PARTITION COEFFICIENT
NOT ASSESSED
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: N.A

12. **ECOLOGICAL INFORMATION**

12.1 LC 50: N.A

12.2 BOD: N.A

12.3 COD: N.A

12.4 Other: N.A

13. **DISPOSAL CONSIDERATIONS**

   Dispose in accordance with local regulations i.e. tipping

14. **TRANSPORT INFORMATION**

14.1 Packaging: 175 & 50 Kg packing

14.2 Freight Classifications: Xi
ICI PAKISTAN LTD.

ICI Pakistan Limited
Chemical Business

UN NUMBER
ADR NUMBER
IMDG NUMBER
PACKING GROUP
TERM CARD

15. REGULATORY INFORMATION

15.1 C.P.L CLASSIFICATION
HAZARD PICTOGRAM
RISK PHRASES
SAFETY PHRASES

15.2 OTHER LEGISURATION

16. OTHER INFORMATION

WATER POLLUTING CLASS (WGK) = 1

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