SUPERBRITE RSL 100
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 SUPERBRITE RSL 100
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 DIAMINO STILBENE DERIVATIVE, HEXA SULFO TYPE
2.2 HAZARDOUS INGREDIENTS C.P.L CLASS CAS NO. EINECS NO WT %
N.A N.A N.A 20-40%
1,4-BENZENEDISULFONICACID, 2,2'-[1,2-ETHENEDILYL][[(3-SULFO-4,1-PHENYLENE) IMINO][6-(DIETHYLAMINO)-1]
3. HAZARDS IDENTIFICATION
PRODUCT DOES NOT HAVE IDENTIFIED HAZARD

4. FIRST AID MEASURES

4.1 EYE CONTACT IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES, SEEK MEDICAL ATTENTION IF IRRITATION OCCURS.

4.2 SKIN CONTACT WASH WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING

4.3 INGESTION WASH MOUTH AND THROAT WITH PLENTY OF WATER. SEEK MEDICAL ATTENTION

4.4 INHALATION VICTIM TO FRESH AIR. SEEK MEDICAL ATTENTION IF NECESSARY

5. FIRE EXTINGUISHING MEDIA

5.1 EXTINGUISHING MEDIA WATER, FOAM, CARBON DIOXIDE, AND DRY CHEMICAL POWDER TYPE EXTINGUISHERS ARE USED. USE PROTECTIVE GAS MASK IN CASE OF FUMING.

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 USE PERSONAL PROTECTIVE CLOTHING

6.2 ENVIRONMENTAL PRECAUTIONS NONE

6.3 CLEANING UP CONTAIN SPILL, SMALL SPILLS MAY BE FLUSHED TO THE SEWER OR ABSORBED ON SUITABLE ABSORBANTS. LARGER SPILLS SHOULD BE COLLECTED AS LIQUID OR ABSORBED. CLEAN-UP MAY BE ACCOMPLISHED BY FLUSHING WITH WATER IF APPROPRIATE OR REMOVE CONTAMINATED SOILS, PLACE IN APPROPRIATE CONTAINERS

7. STORAGE AND HANDLING

7.1 STORAGE STORE AT COOL & DRY PLACE IN CLOSED CONTAINER.
7.2 RECOMMENDED SHELF LIFE
1 YEARS

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
BUTYL RUBBER, PVC OR NEOPRENE GLOVES

EYE PROTECTION
SAFETY GLASSES OF CHEMICAL SPLASH GOGGLES

SKIN PROTECTION
AVOID CONTACT WITH SKIN

9. PHYSICAL/ CHEMICAL PROPERTIES

9.1 APPEARANCE
CLEAR AMBER COLOURED LIQUID

9.2 ODOUR
ODOURLESS

9.3 PH
8.0 - 10.0

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 APPLICABLE

9.12 VAPOUR PRESSURE
NOT ASSESSED
9.13 VAPOUR DENSITY 23 MBAR
9.14 RELATIVE DENSITY ~1 G/ML
9.15 SOLUBILITY SOLUBLE IN WATER
9.16 PARTITION COEFFICIENT NOT APPLICABLE

10. STABILITY AND REACTIVITY
10.1 STABILITY STABLE UNDER NORMAL INDUSTRIAL USE.
10.2 CONDITIONS TO AVOID AVOID HIGH PRESSURE WASHING
10.3 MATERIALS TO AVOID STRONG OXIDIZING AGENT
10.4 RECOMMENDED MATERIALS FOR EQUIPMENT COMPATIBLE WITH MOST MATERIALS
10.5 HAZARDOUS DECOMPOSITION PRODUCTS NONE IF USED NORMALLY. DEGRADATION PRODUCTS MAY CONTAIN NITROGEN, SULPHUR, CARBON OXIDES

11. TOXICOLOGICAL INFORMATION
11.1 SHORT TERM EFFECTS
EYE CONTACT IRRITANT TO EYES
SKIN CONTACT IRRITANT TO SKIN
INGESTION VERY LOW TOXICITY
INHALATION REMOVE VICTIM TO FRESH AIR
11.2 CHRONIC EFFECTS PROLONGED CONTACT WITH SKIN MAY LEAD TO DERMATITIS
ACUTE ORAL TOXICITY LD50 (ORAL, RAT) > 5000 MG/KG
ACUTE DERMAL TOXICITY LD50 (DERMAL, RAT) > 4000 MG/KG
SKIN IRRITATION NON-IRRITATING
EYE IRRITATION

12. ECOLOGICAL INFORMATION
12.1 LC 50 N.A
12.2 BOD N.A
12.3 COD ~360 MG/G
12.4 OTHER

METHOD: OECD301A

13. DISPOSAL CONSIDERATIONS

SMALL QUANTITIES MAY BE TREATED IN AEROBIC WASTEWATER TREATMENT SYSTEMS. LARGER QUANTITIES MAY BE INCINERATED OR LANDFILLED AFTER SOLIDIFICATION IN PERMITTED SYSTEMS.

14. TRANSPORT INFORMATION

14.1 PACKAGING 60 Kg PLASTIC CANS

14.2 FREIGHT CLASSIFICATIONS NOT APPLICABLE

UN NUMBER NOT APPLICABLE

ADR NUMBER NOT APPLICABLE

IMDG NUMBER NOT APPLICABLE

PACKING GROUP NOT APPLICABLE

TERMCARD NOT APPLICABLE

15. REGULATORY INFORMATION

15.1 C.P.L CLASSIFICATION NOT APPLICABLE

HAZARD PICTOGRAM Xi

RISK PHRASES NOT APPLICABLE

SAFETY PHRASES S-28

15.2 OTHER LEGISLATION NOT APPLICABLE

16. OTHER INFORMATION

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