



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

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|-----|------------------------|---------------------|
| 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

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|-----|---|--|---------|-----------|------|
| 2.1 | CHEMICAL DESCRIPTION | DIAMINO STILBENE DERIVATIVE, HEXA SULFO TYPE | | | |
| 2.2 | HAZARDOUS INGREDIENTS | C.P.I CLASS | CAS NO. | EINECS NO | WT % |
| | 1,4-BENZENEDISULFONICACID, 2,2'-[1,2-ETHENEDIYL]BIS [(3-SULFO-4,1-PHENYLENE) IMINO[6-(DIETHYLAMINO)-1 | N.A | N.AN.A | 20-40% | |



,3,5-TRIAZINE-4,2-DIYL]IMINO]]BIS-,SODIUM SALT (1:6)

3. HAZARDS IDENTIFICATION

PRODUCT DOESNOT 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 WASHWITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING
- 4.3 INGESTION WASHMOUTHANDTHROATWITHPLENTY OF WATER. SEEKMEDICALATTENTION
- 4.4 INHALATION VICTIMTOFRESHAIR.SEEKMEDICAL ATTENTIONIF NECESSARY

5. FIRE EXTINGUISHING MEDIA

- 5.1 EXTINGUISHING MEDIA WATER, FOAM , CARBONDIOXIDE , AND DRY CHEMICAL POWDER TYPEEXTINGUISHERS ARE USED. USEPROTECTIVE GAS MASK IN CASE OF FUMING.
- 5.2 FIRE AND EXPLOSION HAZARDS THEPRODUCTISNOTFLAMMABLE
- 5.3 PROTECTIVE MEASURES N.A

6. ACCIDENTAL RELEASE MEASURES

- 6.1 PERSONAL PRECAUTIONS USE PERSONAL PROTECTIVE CLOTHING
- 6.2 ENVIRONMENTAL PRECAUSTIONS NONE
- 6.3 CLEANING UP CONTAINSPILL,SMALLSPILLSMAYBEFLUSHED TO THE SEWER OR ABSORBED ON UITABLE ABSORBANTS. LARGER SPILLS SHOULD BE COLLECTEDAS LIQUID OR ABSORBED. CLEAN-UP MAY BE ACCOMPLISHED BY FLUSHINGWITH WATER IF APPROPRIATE OR REMOVE ONTAMINATED 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 1YEARS
- 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	AVOIDHIGHPRESSUREWASHING
10.3	MATERIALS TO AVOID	STRONGOXIDIZINGAGENT
10.4	RECOMMENDED MATERIALS FOR EQUIPMENT	COMPATIBLE WITH MOST MATERIALS
10.5	HAZARDOUS DECOMPOSITION PRODUCTS	NONEIFUSEDNORMALLY.DEGRADATION PRODUCTS MAY CONTAIN NITROGEN, SULPHUR, CARBONOXIDES
11.	TOXICOLOGICAL INFORMATION	
11.1	SHORT TERM EFFECTS	
	EYE CONTACT	IRRITANT TO EYES
	SKIN CONTACT	IRRITANT TO SKIN
	INGESTION	VERY LOW TOXICITY
	INHALATION	REMOVEVICTOM T O FRESHAIR
11.2	CHRONIC EFFECTS	PROLONGED CONTACT WITH SKIN MAY LEAD TO DERMATITIS
	ACUTEORALTOXICITY	LD50(ORALRAT)>5000MG/KG
	ACUTEDERMALTOXICITY	LD50(DERMAL,RAT)>4000 MG/KG
	SKINIRRITATION	NON-IRRITATING
	EYEIRRITATION	
12.	ECOLOGICAL INFORMATION	
12.1	LC 50	N.A
12.2	BOD	N.A
12.3	COD	~360MG/G



12.4 OTHER >%90(DOCREDUCTION)TESTMETHOD: OECD301A

13. DISPOSAL CONSIDERATIONS

SMALLQUANTITIESMAYBETREATEDINAEROBICWASTEWATERTREATMENT SYSTEMS.LARGERQUANTITIESMAYBEINCINIRATEDORLANDFILLEDAFTER SOLIDIFICATIONINPERMITTEDSYSTEMS.

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	NOTAPPLICABLE

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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