



SUPERBRITE RSP 350

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 RSP 350 |
| 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.L CLASS | CAS No. | EINECS NO | WT% |
| | 1,4-Benzenedisulfonicacid, 2,2'-[1,2-ethenediylbis [(3-sulfo-4,1-phenylene)] | N.A | N.A | N.A | 50-90% |



imino[6-(diethylamino)-1,3,5-triazine-4,2-diyl]imino]]bis-,sodiumsalt(1:6)

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 ATTENTION IF VICTIM TO FRESH AIR. SEEK MEDICAL 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 EQUIPMENT
- 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

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

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|-----|-------------------------------|--|
| 8.1 | OCCUPATIONAL EXPOSURE LIMITS | |
| | CHEMICAL | NONE |
| 8.2 | ENGINEERING MEASURES | NONE |
| 8.3 | PERSONAL PROTECTIVE EQUIPMENT | |
| | RESPIRATOR PROTECTION | NOT REQUIRED |
| | HAND PROTECTION | BUTYL RUBBER, PVC NEOPRENE GLOVES |
| | EYE PROTECTION | SAFETY GLASSES OF CHEMICALS SPLASH GOGGLES |
| | SKIN PROTECTION | AVOID CONTACT WITH SKIN |

9. PHYSICAL/ CHEMICAL PROPERTIES

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| 9.1 | APPEARANCE | LIGHT YELLOW TO YELLOW POWDER |
| 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	NOT ASSESSED
9.14	RELATIVE DENSITY	NOT ASSESSED
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

NON-IRRITATING

12. ECOLOGICAL INFORMATION

12.1	LC 50	N.A.
12.2	BOD	N.A
12.3	COD	~360MG/G
12.4	OTHER	>%90(DOC REDUCTION) TEST 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	25 Kg BAG
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	Xi
	RISK PHRASES	NOT APPLICABLE
	SAFETY PHRASES	S-28
15.2	OTHER LEGISLATION	NOT APPLICABLE



ICI PAKISTAN LTD.

ICI Pakistan Limited
Chemical Business

16. OTHER INFORMATION

ISSUE NUMBER

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