

MATERIAL SAFETY DATA SHEET

GRAUER & WEIL (INDIA) LIMITED

Akurli Road, Kandivli (East), Mumbai - 400 101.

Tel : 56993000 Fax : (91) 022 56993011

E-mail : hq@growel.com

PRODUCT NAME : SOLAR DEP 50

I. HAZARDOUS INGREDIENTS :

NONE

II. PHYSICAL PROPERTIES :

- | | | |
|------------------------|---|---------------------------------|
| 1. APPEARANCE | : | LIGHT YELLOW, CLEAR LIQUID |
| 2. DENSITY (20°C) | : | 1.085 – 1.095 g/cm ³ |
| 3. SOLUBILITY IN WATER | : | 20°C UNLIMITED |
| 4. ODOUR | : | LIKE AMINE (LIGHT) |
| 5. OTHER (pH - 20°C) | : | 3 - 4 |

III. FIRE AND EXPLOSION HAZARD DATA :

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|---------------------------------------|---|---|
| 1. FLASH POINT C | : | NOT KNOWN |
| 2. EXTINGUISHING MEDIA | : | WATER FOG OR SPRAY / CARBON DIOXIDE / FOAM |
| 3. SPECIAL FIRE FIGHTING PROCEDURES | : | WEAR NIOSH APPROVED FULL PROTECTIVE CLOTHING & SELF-CONTAINED BREATHING APPARATUS. KEEP CONTAINERS COOL TO PREVENT RUPTURE AND RELEASE OF MATERIAL. |
| 4. UNUSUAL FIRE AND EXPLOSION HAZARDS | : | NO SPECIAL MEASURES ARE NECESSARY |

VI. HEALTH HAZARD DATA :

EFFECTS OF ACUTE EXPOSURE :

- | | | |
|-------------------------|---|---|
| 1. INHALATION | : | MIST OR VAPOR MAY IRRITATE RESPIRATORY TRACT. |
| 2. INGESTION | : | CAN CAUSE IRRITATION TO MOUTH, THROAT, ESOPHAGUS AND STOMACH. MAY LEAD TO NAUSEA, |
| 3. SKIN | : | CAN CAUSE IRRITATION. |
| 4. EYES | : | CAN CAUSE IRRITATION. |
| 5. CHRONIC EXPOSURE | : | MAY LEAD TO SENSITIZATION AND ALLERGIC REACTION. |
| 6. CARCINOGEN REFERENCE | : | NOT LISTED BY NTP, IARC, OSHA |

V. EMERGENCY AND FIRST AID PROCEDURES :

1. INHALATION : IMMEDIATE INHALE DEXAMETHASON DOSING AEROSOL. CONTACT DOCTER
2. INGESTION : NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON, OBTAIN IMMEDIATE MEDICAL ATTENTION. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR. IF SWALLOWED GIVE LARGE AMOUNTS OF WATER AND INDUCE VOMITING. SEEK IMEDIATE MEDICAL ATTENTION.
3. EYES : THOROUGHLY WASH EYES FOR 15 MINUTES WITH EYELIDS KEPT OPEN UNDER FLOWING WATER.
4. SKIN : WASH THOROUGHLY WITH WATER AND SOAP

VI. PRECAUTION FOR SAFE HANDLING AND USE :

1. SPILL PROCEDURES : AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WEAR PROTECTIVE EQUIPMENT (SEE SECTION VII), DO NOT BREATHE MIST OR VAPORS. ELIMINATE SOURCES OF IGNITION SUCH AS HEAT, SPARKS, AND OPEN FLAMES. ENSURE THAT THE AREA IS PROPERLY VENTILATED. CONTAIN SPILL AND SOAK, UP IN SUITABLE ABSORBENT. SHOVEL UP INTO PLASTIC-LINED STEEL CONTAINERS AND COVER. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
2. STORAGE AND HANDLING PRECAUTION : STORE IN COOL, DRY PLACE. KEEP AWAY FROM ALKALIES AND OXIDIZERS. LOOSEN COVER CAUTIOUSLY WHEN OPENING.
3. ADDITIONAL INFORMATION : STORE ABOVE FREEZING TEMPERATURE.

VII. CONTROL MEASURES :

1. VENTILATION : LOCAL EXHAUST RECOMMENDED.
2. RESPIRATOR : USE NIOSH APPROVED RESPIRATOR WHEN AIR CONCENTRATION IS GREATER THAN THE TLV OR PEL. USE CARTRIDGE FILTER FOR ACID MIST.
3. EYE PROTECTION : CHEMICAL SAFTY GOGGLES / FACE SHIELD
4. GLOVES : NEOPRENE / NATURAL RUBBER
5. OTHER PROTECTIVE CLOTHINGS : CHEMICALLY RESISTANT COVERALLS, HAT & SHOES OR BOOTS.
6. WORK HYGENIC PRACTICES : EMERGENCY EYE WASH AND SAFETY SHOWER SHOULD BE AVAILABLE. WASH THOROUGHLY AFTER HANDLING.
7. ADDITIONAL INFORMATION : DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. FOR MAJOR SPILLS CONSULT GRAUER & WEIL (I) LTD., FOR NECESSARY ACTION.

VIII. REACTIVITY DATA :

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|---|---|--|
| 1. STABILITY | : | STABLE |
| 2. CONDITIONS TO AVOID | : | STABLE UNDER NORMAL CONDITIONS. SEE INCOMPATIBILITY INFORMATION. |
| 3. INCOMPATIBILITY (MATERIALS TO AVOID) | : | ALKALIS AND OXIDIZERS. |
| 4. HAZARDOUS DECOMPOSITION PRODUCTS | : | TOXIC OXIDES OF CARBON AND SULFUR; CHLORINE AND HYDROGEN CHLORIDE. |
| 5. HAZARDOUS POLYMERIZATION | : | WILL NOT OCCUR |
| 6. CONDITIONS TO AVOID | : | NA. |

XI. ADDITIONAL INFORMATION :

N.A : Not Applicable

N.I : Not Relevant Information Available

T.S : Trade Secret as per 29 CFR 1910.1200

CAS: Chemical Abstract Service

PEL: OSHA Permissible Exposure Limit

TLV:ACGIH Threshold Limit Value

NTP: National Toxicology Programme

IARC: Int'l Agency for research on cancer

DISCLAIMERS : Some of the information presented and conclusion drawn herein are from sources other direct test data on the product itself. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

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SUPERSEDES ALL EARLIER