

Commercial Product Name: **SOLAR MDS****1 Identification of the product and the Company**

Product Information

Trade Name **SOLAR MDS**

Information on manufacturer / supplier:

Address:

Grauer & Weil (India) Limited
Akurli Road, Kandivli (East),
Mumbai – 400 101.Tel: 91 22 – 6699 3000
Fax: 91 22 – 6699 3031
Email: hq@growel.com

Product Safety:

Grauer & Weil (India) Limited
Akurli Road, Kandivli (East),
Mumbai – 400 101.Tel: 91 22 – 6699 3000
Fax: 91 22 – 6699 3031
Email: hq@growel.com

Emergency Information:

Grauer & Weil (India) Limited
Akurli Road, Kandivli (East),
Mumbai – 400 101.Tel: 91 22 – 6699 3000
Fax: 91 22 – 6699 3031
Email: hq@growel.com**2 Hazardous Ingredients – Nil****3 Physical Properties**

1. Appearance : White Crystalline Powder
2. Density : -
3. Solubility in Water : 10% Easily Soluble
4. Odour : Odourless
5. Other (pH) : 2 - 4
(10% solution)

4. Composition / Information on IngredientsChemical Name : SOLAR MDS
Concentration : -
CAS Number : 5799-70-2

Commercial Product Name: **SOLAR MDS****5. Fire and Explosion Hazard Data**

1. Flash Point^o C : Not Known
2. Extinguishing : Water fog or spray / Carbon Dioxide, Foam
3. Special Fire Fighting Procedures : Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
4. Unusual Fire and Explosion Hazards : Not Known

6. Health Hazard Data

Effects of Acute Exposure :

1. Inhalation : Not Applicable
2. Ingestion : May cause irritation to mouth,throat,esophagus and stomach.
3. Skin : Can cause irritation
4. Eyes : Can cause irritation
5. Chronic Exposure : Not Established
6. Carcinogen Reference : N.A.

7. Emergency and First Aid Procedures

1. Inhalation : Not Applicable.
2. Ingestion : Seek immediate medical attention
3. Eyes : Flush eyes with plenty of water, holding lids apart to ensure flushing of entire surface to prevent or relieve irritation. If irritation persists, seek medical attention.
4. Skin : Wash skin with soap and copious amount of water. Wash contaminated clothing before reuse.

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8. **Precaution for Safe Handling and Use**

- | | |
|---------------------------|--|
| 1. Spill Procedures | : Avoid contact with skin, eyes and clothing. Wear protective equipment. Do not breathe mist or vapors. 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 | : Store in cool, dry place. Keep away from oxidizers. Loosen cover cautiously when opening. |
| 3. Additional Information | : Store above freezing temperature. |

9. **Control Measures**

- | | |
|---------------------------|--|
| 1. Ventilation | : Local exhaust recommended. |
| 2. Respirator | : Use niosh approved respirator when air concentration is greater than the TLV or PEL. |
| 3. Eye Protection | : Chemical safety goggles / face shield. |
| 4. Gloves | : Neoprene / Natural Rubber |
| 5. Other Protective | : Chemically resistant coveralls, hat / shoes / 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. |

10. **Reactivity Data**

- | | |
|--|--|
| 1. Stability | : Stable |
| 2. Conditions to avoid | : Stable under normal conditions. See incompatibility information. |
| 3. Incompatibility
(Materials to avoid) | : Oxidizers. |
| 4. Hazardous Decomposition
Products | : Toxic oxides of carbon and sulfur products. |
| 5. Hazardous Polymerization | : Will not occur |
| 6. Conditions to avoid | : Not Applicable |

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Clean up actions:

1. Collect as much as possible in clean container for reuse or disposal
2. Sweep or shovel-up spillage and remove to a safe place

Special precautions:

1. Avoid raising dust
2. Wear suitable respiratory protection

Do not flush spilt material into any public water system

12. Stability and Reactivity

1. Incompatibility with other material : Avoid contact with alkalis (strong bases)
2. Hazardous decomposition products : Decomposition products may include oxides of carbon & sulphur

13. Ecological Information

Exotoxicology : No information available but must be considered harmful

14. Disposal Considerations

Disposal advice : disposal should be in accordance with local state or national legislation

15. Transport Information

Proper Shipping Name : N/A

Technical Name : N/A

Primary Hazard Class : N/A

Secondary Hazard Class : N/A

Label Required : N/A

Placard Required : N/A

Poison constituent : N/A

Bill of Lading Description :

Not regulated by the department of transportation "Important": While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only, because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others.

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Transport Information :

In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further you expressly understand and agree the descriptions, designs, data and information furnished hereunder are given gratis and assumes no obligation or liability for the description, designs data and information given or results obtained, all such being given and accepted at your risk.

16. **Regulatory and Additional Information**

Labelling Information:

1. According to the Directives relating to the classification, packaging and labelling of dangerous substances and preparations
2. No particular data available

National Regulation : Refer to any other national measures that may be relevant.

NA : Not Applicable

NI : 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 Programme

IARC : Int'I 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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