

# Material Safety Data Sheet

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Commercial Product Name: **SOLAR PPS OH 8000**

## 1 Identification of the product and the Company

Product Information

Trade Name **SOLAR PPS OH 8000**

Information on manufacturer / supplier:

Address:

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

Product Safety:

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

Emergency Information:

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

## 2 Hazardous Ingredients – Nil

## 3 Physical Properties

1. Appearance : White powder
2. Density : -
3. Solubility in Water : Approx. 68% (25°C)
4. Odour : Odourless
5. Other (pH) : 3.0 – 8.0  
(50% Solution)

## 4. Composition / Information on Ingredients

Chemical Name : SOLAR PPS OH 8000  
Concentration : -  
CAS Number : 3918 – 73 – 8

Commercial Product Name: **SOLAR PPS OH 8000****5. Fire and Explosion Hazard Data**

1. Flash Point<sup>o</sup> C : Not Applicable
2. Extinguishing : Water fog or spray / Carbon Dioxide, Dry chemical powder or appropriate 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 : Emits toxic fumes of Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides and Sulfur Oxides under fire conditions.

**6. Health Hazard Data**

Effects of Acute Exposure :

1. Inhalation : Harmful
2. Ingestion : Harmful
3. Skin : Can cause irritation
4. Eyes : Can cause irritation
5. Chronic Exposure : Material is irritating to mucous membrane and respiratory tract.
6. Carcinogen Reference : N.A.

**7. Emergency and First Aid Procedures**

1. Inhalation : Remove person from contaminated area. If breathing has stopped, resuscitate and administer oxygen if available. Seek immediate medical attention.
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.

Commercial Product Name: **SOLAR PPS OH 8000****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 penning.  |
| 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<br>(Materials to avoid) | : Oxidizers.<br>agents   |
| 4. Hazardous Decomposition<br>Products     | : Toxic oxides of carbon and sulfur products.                      |
| 5. Hazardous Polymerization                | : Will not occur   |
| 6. Conditions to avoid                     | : Not Applicable   |

Commercial Product Name: **SOLAR PPS OH 8000****11. Accidental release measures**

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
3. Do not flush spilt material into any public water system

**12. Stability and Reactivity**

1. Incompatibility with other materials : Avoid contact with alkalis (strong bases)
2. Hazardous decomposition products : Nil

**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 : SOLAR PPS OH 8000

Technical Name : 1 – (2 – hydroxyl – 3 – sulfopropoyl) – Pyridinium Hydroxide, Inner Salt

Primary Hazard Class : Non-hazardous for air transport

Secondary Hazard Class : Non-hazardous for sea / road transport

Label Required : Yes

Placard Required : Do not breathe dust

Poison constituent : Postable item

Bill of Lading Description : Will be given shipment wise

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**Transport Information :**

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**16. Regulatory and Additional Information**

Labeling Information:

1. According to the Directives relating to the classification, packaging and labeling 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

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