



**EVEREST ORGANICS LIMITED
SAFETY DEPARTMENT**

MATERIAL SAFETY DATA SHEET

ANNEXURE - I

EVEREST ORGANICS LIMITED

Plot.no.127 & 128, Lake View plaza,

Amar Co-Operative Society,

Kavuri Hills, Madhapur,

Hyderabad - 500033.

Phone Nos. : 040-23115952, 23737138, 040-23115956

Working Hours : 9 a.m. to 6 p.m.

SECTION 1-PRODUCT AND COMPANY IDENTIFICATION

Material Name : OMEPRAZOLE

**Chemical name : 5-Methoxy-2-[(RS)-[(4-Methoxy-3-5-Dimethyl pyridine2yl) methyl]]
sulfinyl]-1h-benzimidazole**

Chemical formula : C₁₇H₁₉N₃O₃S

CAS No. : 73590-58-6

**Site address : EVEREST ORGNAICS LIMITED,
ARoor VILLAGE,
SADASIVPET MANDAL,
SANGAREDDY DISTRICT,
TELANGANA,
PHONE: 08455-250084, 250115.
FAX: 08455-250114.**

SECTION 2 – HAZARD(S) INFORMATION

Potential Acute Health Effects:

Hazardous in case of inhalation (lung irritant). Slightly hazardous in case of skin contact (irritant), of eye contact(irritant), of ingestion, .

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

The substance may be toxic to gastrointestinal tract.

Repeated or prolonged exposure to the substance can produce target organs damage

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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Composition:

Name : Omeprazole

CAS # : 73590-58-6

% by Weight

Toxicological Data on Ingredients: Omeprazole: ORAL (LD50): Acute: >4000 mg/kg [Mouse]. 2210 mg/kg [Rat].

SECTION 4 – FIRST AID MEASURES

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact: Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available

SECTION 5 – FIRE FIGHTING MEASURES

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

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Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...).

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of heat.

Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7 – HANDLING AND STORAGE

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents. Store at

2⁰ to 8⁰ C, Preserve in air tight container, protect from light.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION



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Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves (impervious).

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: White to off white Powder

Solubility: Soluble in Dichloromethane, sparingly soluble in Methanol and in alcohol. Very slightly soluble in water.

Color of solution: Maximum 0.10A at 440 nm.

Taste: Not available.

Molecular Weight: 345.42 g/mole

Color: Off-white. White.

pH (1% soln/water): Not available.

Melting Point: 150°C -160°C

Water/Oil Dist. Coeff.: The product is more soluble in oil; log (oil/water) = 2.2

Dispersion Properties: See solubility in water, methanol, acetone.

Solubility:

Soluble in Dichloromethane.

Sparingly soluble in Methanol and in alcohol.

Very slightly soluble in water.

SECTION 10 – STABILITY AND REACTIVITY

Stability: The product is stable.

Instability Temperature: Not available.

Format No.: SHE007-F01-00

Effective Date: 01.10.2016

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Conditions of Instability: Elevated temperatures, moisture, incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not available.

Special Remarks on Reactivity: Moisture sensitive

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

SECTION 11 - TOXICOLOGICAL PROPERTIES

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 2210 mg/kg [Rat].

Chronic Effects on Humans: May cause damage to the following organs: gastrointestinal tract.

Other Toxic Effects on Humans:

Hazardous in case of inhalation (lung irritant).

Slightly hazardous in case of skin contact (irritant), of ingestion, .

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:

May cause adverse reproductive effects based on animal data.

May affect genetic material.

May cross the placenta.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May cause skin irritation.

Eyes: Dust may cause eye irritation.

Inhalation: Dust may cause respiratory tract irritation.

Ingestion: May cause digestive tract irritation with nausea, vomiting, hypermotility, and diarrhea. May also affect, blood (Eosinophilia, Normocytic anemia), metabolism, brain, behavior (ataxia, convulsions, sedation, change in motor activity, decreased activity), respiration (dyspnea, coughing, decreased respiration), liver (jaundice, hepatitis), immune system, urinary system/kidneys, and cause musculoskeletal effects.

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SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available

SECTION 13 – DISPOSAL CONSIDERATION

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14 – TRANSPORT INFO

DOT Classification: Not a DOT controlled material

Identification: Not applicable.

Special Provisions for Transport: Not applicable

SECTION 15 – REGULATORY INFORMATION

Federal and State Regulations: No products were found.

Other Regulations: Not available.

Other Classifications:

R36/37/38- Irritating to eyes, respiratory system and skin.

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36- Wear suitable protective clothing.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 1

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Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 1

Reactivity: 0

Specific hazard: na

Protective Equipment:

Gloves (impervious).

Lab coat.

Dust respirator..

Safety glasses.

SECTION 16 - OTHER INFORMATION

References: Not available.

Other Special Considerations: Not available.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall www.everestorganicslimited.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Everest Organics Limited.com has been advised of the possibility of such damages.

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