

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: PRODUCT IDENTIFICATION

SECTION 2: HAZARDS IDENTIFICATION

Classification: Not classified as hazardous

GHS Pictograms: None

Signal Word: Warning

Hazard Statements: May cause eye and respiratory irritation if inhaled as dust.

Precautionary Statements: Avoid breathing dust. Wear eye protection. Wash hands after handling.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Composition: Magnesium (MgO): 16%, Sulphur (S): 13%

SECTION 4: FIRST AID MEASURES

Inhalation: Remove person to fresh air. If symptoms persist, seek medical attention.

Skin Contact: Wash with water and soap. No specific treatment required.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. May have laxative effect. Seek medical attention if large quantities ingested.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use appropriate extinguishing media for surrounding fire. Product is non-combustible.

Specific Hazards: May emit toxic fumes of sulphur oxides and magnesium oxide when heated.

Protective Equipment for Firefighters: Wear self-contained breathing apparatus as needed.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid breathing dust. Wear appropriate protective equipment.

Environmental Precautions: Prevent entry into waterways and sewers.

Methods for Cleanup: Sweep up and collect in appropriate containers for disposal.

SECTION 7: HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene practices.

Storage: Store in a cool, dry place. Keep containers tightly closed.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: No specific occupational exposure limits established.

Engineering Controls: Provide adequate ventilation.

Personal Protective Equipment: Eyes: Safety glasses. Skin: Protective gloves (optional).
Respiratory: Dust mask if needed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions

Chemical Stability: Stable. May lose water of crystallization when heated.

Incompatible Materials: Strong oxidizing agents, strong acids

Hazardous Decomposition Products: Sulphur oxides, magnesium oxide

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Low toxicity. LD50 (oral, rat): >5000 mg/kg

Skin Corrosion/Irritation: Not classified as skin irritant

Serious Eye Damage/Irritation: May cause mild eye irritation

Sensitization: Not a known sensitizer

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity: Low toxicity to aquatic organisms

Persistence and Degradability: Readily biodegradable

Bioaccumulative Potential: No bioaccumulation potential

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

UN Number: Not classified as dangerous goods

Proper Shipping Name: Fertilizer, N.O.S.

Transport Hazard Class: Not regulated

Packing Group: Not applicable

SECTION 15: REGULATORY INFORMATION

This product is a fertilizer and is exempt from OSHA requirements when used for its intended purpose.

SECTION 16: OTHER INFORMATION

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Disclaimer: The information provided in this Material Safety Data Sheet is correct to the best of our knowledge at the date of publication. This information is designed only as a guide for safe handling, use, storage, transportation, and disposal and should not be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

Green Vision Technical Services | www.fertilizerindia.com | Emergency Contact: +91-9890550271