Section 1 : Chemical Identification
Code No. : PCT0008
Name of the Product : Magnesium sulphate heptahydrate
Plant Culture Tested
Produced by : HiMedia Laboratories Pvt. Ltd.
Address : 23, Vadhani Indi. Estate, LBS Marg, Mumbai 400 086, India.
Tel. No. : 2500 0970, 2500 1607  Fax No. 022 2500 2468

Section 2 : Magnesium sulphate heptahydrate
Plant Culture Tested
Irritant material
CAS No. : 10034-99-8
Formula : MgSO₄·7H₂O  Molecular weight : 246.48
R : 36/37/38  S : 26/36
RTECS : OM 4508000

Section 3 : Hazards Identification
Hazard : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.
Caution : Do not breathe vapours and avoid contact with skin and eyes.

Section 4 : First-Aid Measures
In case of swallowing, wash out mouth with water provided person is conscious. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. In case of inhalation, remove victim to fresh air. If breathing becomes difficult, call physician. In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.

Section 5 : Fire Fighting Measures
Extinguishing media : Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Special firefighting procedures : Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Toxic gases produced : Sulphur oxides.

Section 6 : Accidental Release Measures
Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 : Handling and Storage
Handling : - Refer to Section 8
Storage : - Store below 30°C
Section 8: Exposure Controls / Personal Protection
Wear appropriate NIOSH/MSHA-approved respiratory, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

Section 9: Physical and Chemical Properties
Appearance: Crystalline powder
Colour: White

Section 10: Stability and Reactivity
Stability: Product is stable if stored as per the conditions specified under storage of Section No. 7.
Conditions to avoid: Air, incompatibles.
Hazardous polymerization: Will not occur.
Hazardous decomposition products: Sulphur oxides.
Incompatibles: Strong oxidizing agents, phosphates, arsenates, strontium, barium, lead, calcium.

Section 11: Toxicological Information
Acute Effects: May be harmful if swallowed.
Exposure can cause: Irritation, itching, stomach pains, vomiting. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
Routes of entry: Skin and eye contact.
RTECS No.: OM 4508000
For complete information RTECS may be referred.

Section 12: Ecological Information
Data not available

Section 13: Disposal Considerations
On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by autoclaving and/or by incineration. Dispose of waste in accordance with all applicable Federal, State and local laws.

Section 14: Transport Information
UN No.: Not applicable.

Section 15: Regulatory Information
Risk Phrases: Irritating to eyes, respiratory system and skin
Safety Phrases: Incase of contact with eyes, rinse immediately with water and seek medical advice.
Safety Phrases: Wear suitable protecting clothing.
Significance of signs: This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.

Section 16: Other Information
Disclaimer: For R & D use only. Not for drug, household or other uses.

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for users' obligation to investigate and determine the suitability of the information for their particular purpose.