

N/A=NOT APPLICABLE

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE 10/02

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: MAG Magnesium Chloride PELLETS (IM151)

Chemical Family: SALT

Supplier's Name: Dead Sea Works c/o PICC.

Proper Shipping Name: SALT

Supplier's Address: 201 East 42nd. St.,
New York, NY 10017

DOT Shipping Hazard: N/A

DOT Labels Required: NONE

EMERGENCY TELEPHONE NUMBER 212/697-4994

HMIS RATING (0-4): HEALTH: 0 FIRE: 0 REACTIVITY: 0

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME

CAS NO.

% (optional)

TLV(ACGIH)

NONE

SECTION 3 - PHYSICAL DATA

BOILING POINT: 320°F.

VAPOR PRESSURE (mmHg @ 20°C): N/A

VAPOR DENSITY (air=1): N/A

SPECIFIC GRAVITY: 1.6

PHYSICAL DESCRIPTION: Translucent, odorless, deliquescent, off-white pellet

MELTING POINT: 244°F.

SOLUBILITY IN WATER: 100%

EVAPORATION RATE: N/A

% VOLATILE BY VOLUME: N/A

SECTION 4 - FIRE and EXPLOSION DATA

FLASH POINT: None at boiling

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: Media proper to primary cause of fire

SPECIAL FIREFIGHTING PROCEDURES: None.

UNUSUAL FIRE & EXPLOSION HAZARD: None.

SECTION 5 - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None established.

EFFECTS OF OVEREXPOSURE: May cause slight irritation of eyes, skin and respiratory tract. Ingestion may cause stomach discomfort. Very low oral toxicity (LD 50 (rat) approx. 8,100 mg/kg).

EMERGENCY & FIRST AID PROCEDURES: INGESTION: If discomfort exists, induce vomiting. Call a doctor immediately if discomfort persists. EYE CONTAMINATION: Wash eyes with plenty of water for at least 15 minutes while holding eyelids open. SKIN CONTACT: Wash thoroughly with water. Never give anything by mouth to an unconscious person. In all cases consult a physician.

SECTION 6 - REACTIVITY DATA

STABILITY: Stable under normal conditions

INCOMPATIBILITY: None

SECTION 7 - SPILL or LEAK PROCEDURES

SPILLAGE: Sweep up all dry material. Flush area with water.

WASTE DISPOSAL METHOD: In a manner consistent with federal, state and local regulations.

HAZARDOUS DECOMPOSITION PRODUCTS: Releases hydrogen chloride vapors if heated over 300°F.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required.

VENTILATION: Local exhaust sufficient

GLOVES: Rubber or plastic coated should be used

EYE PROTECTION: Safety glasses or shield if splashing expected.

OTHER PROTECTIVE EQUIPMENT: None required.

SECTION 9 - SPECIAL PRECAUTIONS

Keep previously opened containers closed tightly. Do not store where seepage might be a problem. Due to its hygroscopic nature, MAG readily absorbs moisture from the air and softens rapidly. Do not get in eyes or on skin. Wash thoroughly after handling. Use with adequate ventilation. Store away from other chemicals and out of the reach of children. Store in a closed container away from fire and extreme heat. Use proper gloves when handling.

The data and recommendations presented herein are based upon research of others and are believed to be accurate. The manufacturer makes no warranties, express or implied, as to the accuracy, completeness or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of, or in connection with, the accuracy, completeness, adequacy or furnishing such information.

Magnesium Chloride Hexahydrate; CAS No. 7791-18-6

