

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY AS ON LABEL: MAG (Magnesium Chloride Hexahydrate, Flake/Pellets CAS # 7786-30-31)

SECTION I - MANUFACTURER'S INFORMATION

Manufacturer's Name & Address: Dead Sea Works c/o PIOC
201 East 42nd Street
New York, NY 10017

Emergency Phone Numbers: 212-697-4994

Preparation Date: Revised 2/20/95

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components/CAS #	OSHA PEL	ACGIH TLV	Other Limit
None	None	None	None

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 320^oF **Specific Gravity:** 1.6 **Evaporation Rate:** NA

Vapor Pressure: NA **Melting Point:** 244^oF **Vapor Density:** NA

Solubility in Water: Soluble in water and alcohol.

Appearance & Odor: Translucent, odorless, deliquescent, off white flakes.

SECTION IV - FIRE & EXPLOSION DATA

Flash Point: None **Flammable Limits:** None **LEL:** NA **UEL:** NA

Extinguishing Media: Non-flammable

Special Fire Fighting Procedures: None, product can be used to smother fires.

Unusual Fire & Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable Unstable **Conditions to Avoid:** Moisture

Incompatibility: None

Hazardous Decomposition Products: Releases hydrogen chloride vapors if heated over 300^oF.

Hazardous Polymerization: May Occur Will Not Occur

Conditions to Avoid: Excessive exposure to air will lead to wetting & caking.

SECTION VI - HEALTH HAZARD DATA

Routes of Entry: Inhalation Skin Ingestion

Health Hazard: May cause slight irritation of eyes, skin & respiratory tract.

Carcinogenicity: NTP? Yes No IARC Monographs? Yes No OSHA Regulated? Yes No

Signs & Symptoms of Exposure:

Medical Conditions Generally Aggravated By Exposure: 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. Obtain medical attention if discomfort exists. SKIN CONTACT - Wash thoroughly with soapy water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

If Released Or Spilled: Sweep up all dry material and place in a suitable container. Flush area with water. Major spills may be loaded with front end loader. Uncontaminated product may be reused.

Waste Disposal Method: Disposal must be made in accordance with local regulations for non-toxic non-hazardous waste.

Precautions To Be Taken In Handling & Storing: Keep previously opened containers tightly closed. Do not store where seepage might be a problem. Due to its hygroscopic nature, MAG readily absorbs moisture from the air and softens rapidly.

Other Precautions: None

SECTION VIII - CONTROL MEASURES

Respiratory: Required Not Required NIOSH approved mask

Ventilation: Local Exhaust Mechanical Special Other Not Required

Protective Devices: Rubber Gloves Goggles Rubber Suit

Other Not Required Eye Wash Fountain

Work/Hygienic Practices: Gloves and goggles recommended if constantly handled.