

FROM: COBURN CHEM. MATERIAL SAFETY DATA SHEET

562039050

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 PICC 201 East 42nd Street New York, NY 10017
Emergency Phone Numbers: 212-697-4994
Preparation Date: Revised 2/20/95

5089-1

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 320°F Specific Gravity: 1.6 Evaporation Rate: NA
Vapor Pressure: NA Melting Point: 244°F 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 [x] Unstable [] Conditions to Avoid: Moisture
Incompatibility: None
Hazardous Decomposition Products: Releases hydrogen chloride vapors if heated over 300°F.
Hazardous Polymerization: May Occur [] Will Not Occur [x]
Conditions to Avoid: Excessive exposure to air will lead to wetting & caking.

SECTION VI - HEALTH HAZARD DATA

Routes of Entry: Inhalation [] Skin [] Ingestion [x]
Health Hazard: May cause slight irritation of eyes, skin & respiratory tract.
Carcinogenicity: NTP? Yes [] No [x] IARC Monographs? Yes [] No [x] OSHA Regulated? Yes [] No [x]
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 [x] NIOSH approved mask
Ventilation: Local Exhaust [] Mechanical [] Special [] Other [] Not Required [x]
Protective Devices: Rubber Gloves [] Goggles [x] Rubber Suit []
Other [] Not Required [] Eye Wash Fountain [x]
Work/Hygienic Practices: Gloves and goggles recommended if constantly handled.