

GFS CHEMICALS, INC.

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1-800-424-9300(Chemtrec 24Hr. Info.)

MATERIAL SAFETY DATA SHEET

1919

MAGNESIUM CHLORIDE, HEXAHYDRATE

CHEMICAL NAME & SYNONYMS

Magnesium Chloride, Hexahydrate

DOT CLASS

NR

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

MgCl₂.6H₂O

REPORTABLE QUANTITY

N/A

F.W.

203.30

CAS#

7791-18-6 (hyd)
7786-30-3 (anhyd)

PHYSICAL DATA

Density 1.56; Melting point loses 2H₂O at 100°C; Very soluble in water; Deliquescent.

APPEARANCE & ODOR

Colorless or white crystals. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Stable. No hazardous reactivity.

FIRE HAZARDS

None. NFPA # 1-0-0.

EXTINGUISHER

Fight surrounding fire

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Dust may be irritating to eyes and mucous membranes. Acts as a laxative when ingested in small doses. Massive doses may be toxic. LD₅₀ (oral-rat) 8100 mg/kg. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear goggles while handling.

FIRST AID

Wash well with water after contact. If eye irritation persists, get medical attention. If large amount is swallowed, get medical advice.

SPILLS & LEAKS

Wash up with water. Disposal to sanitary drain with plenty of water.

CATALOG #

1919

PREPARED BY

MDM

DATE

August 3, 2004