

GFS CHEMICALS, INC.

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

MATERIAL SAFETY DATA SHEET

1433

LITHIUM FORMATE

CHEMICAL NAME & SYNONYMS

Lithium Formate

DOT CLASS

NR

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

LiOOCH.H₂O

REPORTABLE QUANTITY

N/A

F.W.

69.98

CAS#

6108-23-2 (hyd)
556-63-8 (anhyd)

PHYSICAL DATA

Density 1.46. Water solubility 27.8 g/100 cc. Loses H₂O 94EC, decomposes 230EC.

APPEARANCE & ODOR

White crystals. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Stable. No hazardous reactivity.

FIRE HAZARDS

Will be consumed in general fire. Avoid inhalation of smoke or fumes. Firefighters wear SCBA.

EXTINGUISHER

Fight surrounding fire.

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

May be irritating to eyes and mucous membranes. Lithium compound are considered toxic internally and have CNS effects. LD/TD no data. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear goggles while handling.

FIRST AID

Wash contact area thoroughly with water. If eye irritation persists, see a physician. If swallowed, give water or milk and induce vomiting. Call a physician.

SPILLS & LEAKS

Wash up spill with water. Disposal of small amount to sanitary drain. Check local regulations prior to disposal.

CATALOG #

1433

PREPARED BY

MDM

DATE

January 27, 2000