

**GFS CHEMICALS, INC.**

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740-881-5501(Tel.) 740-881-5989(Fax)  
1-800-424-9300(Chemtrec 24Hr. Info.)

**MATERIAL SAFETY DATA SHEET**

303

**LITHIUM ACETATE, HYDRATED**

**CHEMICAL NAME & SYNONYMS**

Lithium Acetate, Hydrated

**DOT CLASS**

NR

**SARA TITLE 313**

No

**TSCA listed** - yes

**FORMULA**

LiC<sub>2</sub>H<sub>3</sub>O<sub>2</sub>·2H<sub>2</sub>O

**REPORTABLE QUANTITY**

N/A

**F.W.**

102.01

**CAS#**

546-89-4

**PHYSICAL DATA**

M.p -70 C; Very soluble in water.

**APPEARANCE & ODOR**

White crystals. Odorless.

**REACTIVITY & CONDITIONS TO AVOID**

Neutral salt. Stable. No hazardous reactivity.

**FIRE HAZARDS**

Will decompose in general fire.

**EXTINGUISHER**

Fight surrounding fire

**FLASHPOINT**

N/A

**LEL**

N/A

**UEL**

N/A

**HEALTH HAZARDS**

May be irritating to eyes. Lithium toxicity affects CNS. LD<sub>50</sub> (oral-rat) approx. 500 mg/kg. TLV/PEL not established. Reproductive effects, mutagenic data, No evidence of carcinogenicity.

**SPECIAL PRECAUTIONS**

Wear goggles and rubber gloves while handling. Use adequate ventilation or suitable respirator to avoid inhalation of dust.

**FIRST AID**

Wash thoroughly with water after contact. If swallowed, give water or milk and induce vomiting. Call a physician.

**SPILLS & LEAKS**

Wash up with water. Disposal of small amounts to drain. See local sewerage regulations for disposal limits.

**CATALOG #**

303

**PREPARED BY**

MDM

**DATE**

October 10, 1997