

**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**

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**ALUMINUM PERCHLORATE, HYDRATED**

**CHEMICAL NAME & SYNONYMS**

Aluminum Perchlorate, Hydrated

**DOT CLASS**

5.1/II

**SARA TITLE 313**

No

**TSCA listed** - Yes

**FORMULA**

Al(ClO<sub>4</sub>)<sub>3</sub>·9H<sub>2</sub>O

**REPORTABLE QUANTITY F.W.**

N/A

**CAS#**

487.48

81029-06-3 (9hyd)  
14452-39-2 (anh)

**PHYSICAL DATA**

Very soluble in water.; Density 2.0.; M.p. 80EC.

**APPEARANCE & ODOR**

Damp white crystals. Odorless.

**REACTIVITY & CONDITIONS TO AVOID**

Oxidizing material. Do not mix with organic matter or strong reducing agents.

**FIRE HAZARDS**

May cause fire or explosion with readily oxidizable materials when hot (150EC).

**EXTINGUISHER**

Water Spray.

**FLASHPOINT**

N/A

**LEL**

N/A

**UEL**

N/A

**HEALTH HAZARDS**

Toxicity low - no data. Corrosive to skin, eyes, and mucous membranes. No exposure levels set. No evidence of carcinogenicity.

**SPECIAL PRECAUTIONS**

Use goggles and rubber gloves while handling. Store away from organics and other fire hazards.

**FIRST AID**

Wash contact area well with water. For eyes, get medical attention after washing well with water. If swallowed, give milk or water with milk of magnesia and induce vomiting. Call a physician.

**SPILLS & LEAKS**

Wash area well with water. Flush to sanitary drain.

**CATALOG #**

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**PREPARED BY**

MDM

**DATE**

May 28, 1999