

GFS CHEMICALS, INC.

P.O. Box 245 Powell, OH 43065
740-881-5501(Tel.) 740-881-5989(Fax)
1-800-424-9300(Chemtrec 24Hr. Info.)

MATERIAL SAFETY DATA SHEET

2

ALUMINUM PERCHLORATE, HYDRATED

CHEMICAL NAME & SYNONYMS

Aluminum Perchlorate, Hydrated

DOT CLASS

5.1/II

TSCA listed - Yes

SARA TITLE 313

No

FORMULA

Al(ClO₄)₃·9H₂O

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 #

2

PREPARED BY

MDM

DATE

May 28, 1999