

GFS CHEMICALS, INC.

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MATERIAL SAFETY DATA SHEET

12

CALCIUM PERCHLORATE, HYDRATED

CHEMICAL NAME & SYNONYMS

Calcium Perchlorate, Hydrated

DOT CLASS

5.1/II

SARA TITLE 313

No

FORMULA

Ca(ClO₄)₂·4H₂O

F.W.

311.06

CAS#

13477-36-6

PHYSICAL DATA

Density 2.6.; Very soluble in water, soluble in alcohol.

APPEARANCE & ODOR

White crystals may appear somewhat damp due to low melting point. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Oxidizing material. Avoid contact with organic matter, concentrated acids, strong reducing agents.

FIRE HAZARDS

Will behave as oxidant when hot. May cause fire with organic matter. Firefighters wear SCBA.

EXTINGUISHER

Water spray

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

May be irritating to skin and eyes. Oral toxicity is low. LD/TD no data. PEL/TLV not established. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Use goggles and rubber gloves while handling. Store away from organic solvents, strong acids.

FIRST AID

Wash well with water. For eyes, wash with water. If irritation persists, see a physician. If swallowed, give water or milk and induce vomiting. Call a physician.

SPILLS & LEAKS

Sweep up spills quickly. Wash area well with water, clean any mops used very thoroughly. Disposal to sanitary drain.

CATALOG #

12

PREPARED BY

LCM

DATE

8/1/96