

**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**

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**CERIC HYDROXIDE**

**CHEMICAL NAME & SYNONYMS**

Ceric Hydroxide; Ceric Oxide Hydrated,  
Cerium Hydrate

**DOT CLASS**

NR

**SARA TITLE 313**

No

**TSCA listed** - Yes

**FORMULA**

Ce(OH)<sub>4</sub>

**REPORTABLE QUANTITY**

N/A

**F.W.**

208.16

**CAS#**

12014-56-1

**PHYSICAL DATA**

Insoluble in water; Soluble in acid.

**APPEARANCE & ODOR**

Yellow to buff powder. Odorless.

**REACTIVITY & CONDITIONS TO AVOID**

Stable. Avoid inhalation of dust.

**FIRE HAZARDS**

None.

**EXTINGUISHER**

Fight surrounding fire

**FLASHPOINT**

N/A

**LEL**

N/A

**UEL**

N/A

**HEALTH HAZARDS**

Dust may irritate eyes and mucous membranes. Not considered a toxic hazard. LD<sub>50</sub> (oral-rat) 1000 mg/kg. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

**SPECIAL PRECAUTIONS**

Use goggles and dust mask (if dust is raised) while handling.

**FIRST AID**

Wash well after contact, flush eyes well with water after contact. If swallowed, give water or milk and get medical attention.

**SPILLS & LEAKS**

Sweep up, minimizing dust formation, and discard.

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**CATALOG #**

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**PREPARED BY**

MDM

**DATE**

January 13, 2005