

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 OXIDE

CHEMICAL NAME & SYNONYMS

Ceric Oxide; Ceria

DOT CLASS

NR

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

CeO₂

REPORTABLE QUANTITY

N/A

F.W.

172.13

CAS#

1306-38-3

PHYSICAL DATA

Density 7.13; Melting point about 2600°C; Insoluble in water.

APPEARANCE & ODOR

Off white powder (pale cream to yellow, sometimes brown or pink). Odorless.

REACTIVITY & CONDITIONS TO AVOID

Refractory. Stable. Avoid inhalation of dust.

FIRE HAZARDS

None. NFPA # 1-0-0.

EXTINGUISHER

Fight surrounding fire

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Dust may be irritating to eyes. Not considered toxic hazard. LD₅₀ (oral-rat) >5000 mg/kg. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear goggles while handling. Use good ventilation or dust mask if dust is raised.

FIRST AID

Wash contact area thoroughly with water. If eye irritation persists, see a physician. If swallowed, give water or milk to drink and get medical attention.

SPILLS & LEAKS

Sweep up, minimizing dust formation, and collect for recovery or discard to trash can or sewer.

CATALOG #

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PREPARED BY

MDM

DATE

November 28, 2005