

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

381

4,4'-DICARBOXY-2,2'-BIQUINOLINE

CHEMICAL NAME & SYNONYMS

4,4'-Dicarboxy-2,2'-Biquinoline;
2,2'-Bicinchonimic Acid

DOT CLASS

NR

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

(HO₂CC₉H₅N)₂

REPORTABLE QUANTITY

N/A

F.W.

344.33

CAS#

1245-13-2

PHYSICAL DATA

Melting point 365-367°C. Soluble in alcohol and aqueous alkali.

APPEARANCE & ODOR

Cream powder. Characteristic odor.

REACTIVITY & CONDITIONS TO AVOID

Stable. Avoid inhalation of dust. No hazardous reactivity.

FIRE HAZARDS

Stable. Will decompose at high temperatures, do not inhale smoke. Firefighters wear SCBA.

EXTINGUISHER

Fight surrounding fire.

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Will irritate eyes and mucous membranes. The chemical, physical and toxicological properties have not been fully investigated. Presume moderate toxicity internally. LD/TD no data. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Use goggles, rubber gloves and adequate ventilation.

FIRST AID

Wash skin and eyes thoroughly after contact. If ingested, give water or milk and call a physician.

SPILLS & LEAKS

Save what can be salvaged, wash up. Disposal to sanitary drain.

CATALOG #

381

PREPARED BY

MDM

DATE

January 10, 2005