

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

240

BATHOCUPROINE

CHEMICAL NAME & SYNONYMS

Bathocuproine; 2,9-Dimethyl-4,7-Diphenyl-
1,10-Phenanthroline

DOT CLASS

NR

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

(CH₃)₂(C₆H₅)₂C₁₂H₄N₂

REPORTABLE QUANTITY

N/A

F.W.

360.44

CAS#

4733-39-5

PHYSICAL DATA

Melting point 281-282°C; Insoluble in water; Soluble in alcohol or benzene.

APPEARANCE & ODOR

Off-white to yellow or tan powder. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Stable. No hazardous reactivity.

FIRE HAZARDS

Will be consumed in general fire. Firefighters wear SCBA.

EXTINGUISHER

Fight surrounding fire

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Dust may irritate eyes or nasal passages. May be toxic internally. LD₅₀ (oral-rat) 431 mg/kg. Not absorbed through skin. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear goggles. Use good ventilation or suitable respirator if dust is raised.

FIRST AID

Wash skin and eyes thoroughly with water. If swallowed, give water to drink and get medical attention.

SPILLS & LEAKS

Save all possible spill for recovery. Wash up area with water. Disposal to incinerator or sewer, check local regulations.

CATALOG #

240

PREPARED BY

MDM

DATE

April 27, 2005