

GFS CHEMICALS, INC.
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MATERIAL SAFETY DATA SHEET

823

1,5-DIPHENYLCARBOHYDRAZIDE

CHEMICAL NAME & SYNONYMS

1,5-Diphenylcarbohydrazide; s-Diphenylcarbazine

DOT CLASS

NR

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

C₁₃H₁₄N₄O

REPORTABLE QUANTITY

N/A

F.W.

242.29

CAS#

140-22-7

PHYSICAL DATA

Melting point 173-176°C. Soluble in alcohol, acetone. Insoluble in water.

APPEARANCE & ODOR

White to pink powder. Slight characteristic odor.

REACTIVITY & CONDITIONS TO AVOID

Undergoes slow decomposition on exposure to air or light. No hazardous self-reactivity. Incompatible with strong oxidizers.

FIRE HAZARDS

Will burn in general fire, emitting toxic fumes. Avoid inhalation of smoke and fumes. Firefighters wear SCBA. NFPA #1-1-1.

EXTINGUISHER

CO₂, dry chemical.

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Considered toxic internally. Skin, eye and mucous membrane irritant. May be harmful if swallowed, inhaled or absorbed through the skin. LD/TD no data. OSHA PEL/ACGIH TLV not established. Has been investigated as a mutagen. This material is not a listed carcinogen. It DOES NOT indicate absence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear goggles and rubber gloves while handling. If dust is present, use adequate ventilation or suitable respirator to avoid inhalation of dust. Store product in well sealed bottle protected from heat and light.

FIRST AID

Wash skin, eyes or mucous membranes well with water after contact. Get medical attention if irritation persists. If swallowed, give water and get medical attention. Do NOT induce vomiting unless directed by a physician. If inhaled, remove to fresh air, if breathing difficulty, get medical attention.

SPILLS & LEAKS

Sweep up spill with absorbent. Disposal to incinerator or to approved waste site. Check local regulations.

CATALOG #

823

PREPARED BY

MDM

DATE

March 16, 2004