

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

925

GALLIC ACID, MONOHYDRATE

CHEMICAL NAME & SYNONYMS

Gallic Acid, Monohydrate

DOT CLASS

NR

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

C₆H₂(OH)₃COOH.H₂O

REPORTABLE QUANTITY

N/A

F.W.

188.14

CAS#

5995-86-8 (Hyd)

149-91-7 (Anhyd)

PHYSICAL DATA

Density about 1.7; Melting point 250°C (decomposes); low solubility in water (1.1 g/100 ml).

APPEARANCE & ODOR

White to yellowish fine crystals and powder. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Stable. No hazardous self-reactivity. Incompatible with oxidizers.

FIRE HAZARDS

Will be consumed in general fire. Firefighters wear SCBA. NFPA # 1-1-0

EXTINGUISHER

Fight surrounding fire

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

May cause eye irritation or nasal irritation. Oral toxicity is low. LD₅₀ (oral-rat) 5000 mg/kg. Mutagenic data. Possible reproductive effects. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear goggles while handling. Use adequate ventilation or suitable respirator to prevent inhalation.

FIRST AID

Wash skin and eyes thoroughly with water. If irritation persists, get medical attention. If swallowed, give water or milk and get medical attention. Do not induce vomiting.

SPILLS & LEAKS

Sweep up with absorbant to avoid making dust. Wash up with water. Disposal of small amounts to drain or solid waste. Disposal to incinerator. Check local regulations prior to disposal.

CATALOG #

925

PREPARED BY

MDM

DATE

February 8, 2002