

GFS CHEMICALS, INC.  
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1-800-424-9300 (Chemtrec 24Hr. Info.)

MATERIAL SAFETY DATA SHEET

SULFOSALICYLIC ACID

(SSA)

563

CHEMICAL NAME & SYNONYMS

5-Sulfosalicylic Acid, Dihydrate;  
2-Hydroxybenzoic-5-sulfonic Acid

DOT CLASS

NR  
TSCA listed - Yes

SARA TITLE 313

No  
CAS#  
5965-83-3 (hyd)  
97-05-2 (anhyd)

FORMULA

HOC<sub>6</sub>H<sub>3</sub>(COOH)SO<sub>3</sub>H.2H<sub>2</sub>O

REPORTABLE QUANTITY

N/A

F.W.

254.22

PHYSICAL DATA

Melting point 120°C; Soluble in water, alcohol, ether.

APPEARANCE & ODOR

White to off-white crystalline powder. Slight odor.

REACTIVITY & CONDITIONS TO AVOID

Changes color on contact with numerous metals. No hazardous reactivity. Light sensitive, protect from light.

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

Irritating to skin, eyes and mucous membranes. LD<sub>50</sub> (oral-rat) 2450 mg/kg. OSHA PEL/ACGIH TLV established. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Protective clothing, gloves, goggles recommended. Use good ventilation or suitable respirator if dust is raised. Store in dark container or dark area to protect material from light.

FIRST AID

Wash thoroughly after contact. For eyes, wash well with water and get medical attention if irritation persists. If swallowed, give water and antacid or milk of magnesia and get immediate medical attention. Do NOT induce vomiting unless directed by a physician.

SPILLS & LEAKS

Wash up with water. Discard to sewer, check local regulations.

CATALOG #

563

PREPARED BY

MDM

DATE

January 22, 2004