

Material Safety Data Sheet

(26033-20 and 26364-04)

Section 1: Chemical Product and Company Identification

Product Name: Biebrich Scarlet, 1% Solution

Catalog Number: 26033-20 and 26364-04

CAS#: See no. 2 below

Contact Information:

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1-215-412-8450 (fax)

Order Online: emsdiasum.com

CHEMTREC (24-Hour Emergency

Telephone), call: 1-800-424-9300

Section 2: Composition and Information on Ingredients

Biebrich Scarlet CAS# 4196-99-0 Formula: $\text{HOC}_{10}\text{H}_6\text{N}$: $\text{NC}_6\text{H}_2(\text{SO}_3\text{Na})\text{N}$: $\text{NC}_6\text{H}_4\text{SO}_3\text{Na}$ 1%

Synonyms: Ponceau BS

The toxicological properties of Biebrich Scarlet have not been fully investigated, use procedures that minimize exposure.

Glacial Acetic Acid CAS# 64-1-9 NIOSH/RTECS NO. AF1225000 (CH_3COOH) 1%

Synonyms: Etahnoic Acid; Methane Carobxylic Acid; Ethylic Acid

(TLV/TWA): 25 mg/M³(10ppm) LD50 (oral-rat) (mg/kg) 3310

(PEL) 37 mg/M³ (15ppm) LD50 (iv-mouse) (mg/kg) 525

(STEL) 25 mg/M³ (15ppm) LD50 (skin-rabbit) (mg/kg) 1060

LD50 (inhl-mouse) (ppm) 5620

Water CAS#7732-18-5 (H_2O)

balance

Section 3: Hazards Identification

Routes of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Health Hazards (Acute and Chronic): Corrosive and irritating to eyes, skin, nose, throat, lungs and mucous membranes.

Carcinogenicity: NTP: N/A

IARC Monographs: N/A

OSHA Regulated: N/A

Signs and Symptoms of Exposure: Irritation to eyes, skin, nose, throat, lungs, nausea, vomiting and loss of conscious.

Section 4: First Aid Measures

Call a Physician! If swallowed, do not induce vomiting, if conscious give water or milk of magnesia. If inhaled remove to fresh air, if not breathing, give artificial respiration. Contact: Immediately flush skin or eyes with copious amounts of water for at least 15 minutes. Remove contaminated shoes and clothing. Wash before reuse.

Section 5: Fire and Explosion Data

Flash Point (method used): Not flammable

Extinguishing Media: Carbon dioxide, water, dry chemical

Special fire fighting procedures: Fire fighters should wear protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode.

Unusual Fire and Explosion Hazards: May emit toxic and corrosive fumes when heated.

Section 6: Accidental Release Measures

Steps to be taken in case material is released or spilled: Wear self-contained breathing apparatus and full protective clothing. Shut off ignition sources, no flares, smoking or flames in area. Stop leak if you can do so without risk. Neutralize spill with soda ash or lime. With clean shovel place material into clean dry container. Remove from spill area. Flush area with water.

Section 7 : Handling and Storage

Precautions to be taken in handling and storing: Keep container tightly closed, store in cool, dry well-ventilated area. Avoid contact with skin, eyes, and clothing.

Other Precautions: Wash thoroughly after handling. Use with adequate ventilation.

Section 8: Exposure Controls/Personal Protection

Respiratory Protection: Sufficient to prevent inhalation of vapors.

Ventilation: Local Exhaust: Fume Hood

Protective Gloves: Rubber

Eye Protection: Face Shield

Other Protective Clothing or Equipment: Approved work clothes

Work/Hygienic Practices: Avoid all routes of exposure

Section 9: Physical and Chemical Properties

Boiling Point: NA

Vapor Pressure (mm Hg): N/A

Vapor Density (AIR=1): N/A

Solubility in Water: Yes

Appearance and Color: Red solution, characteristic odor of acetic acid

Specific Gravity (H₂O=1): N/A

Melting Point: N/A

Evaporation Rate (Butyl Acetate=1): N/A

Section 10: Stability and Reactivity Data

Stability: Stable Conditions to Avoid: Heat, flame, other sources of ignition

Incompatibility (Materials to Avoid): Oxidizers, chromic acid, sodium peroxide, nitric acid

Hazardous Decomposition or Byproducts: Carbon monoxide, Carbon dioxide

Hazardous Polymerization: Will not occur

Section 11: Toxicological Information

Not available

Section 12: Ecological Information

Not available

Section 13: Disposal Considerations

In accordance with all current local, state and federal environmental regulations.

Section 14: Transport Information

In accordance with Department of Transportation

Section 15: Other Regulatory Information

N/A

Section 16: Other Information:

Revised 11/27/2000

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