

Material Safety Data Sheet

(11265)

Section 1: Chemical Product and Company Identification

Product Name: Biebrich Scarlet, Water Soluble

Catalog Number: 11265

CAS#: 4196-99-0

Contact Information:

Electron Microscopy Sciences

1560 Industry Road

Hatfield, PA 19440

1-215-412-8400 (phone)

1-800-523-5874 (toll-free)

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

Emergency Overview

WARNING! TOXICOLOGICAL PROPERTIES UNKNOWN. MAY BE HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT.

SAF-T-DATA™ Ratings (Provided here for your convenience)

Health Rating: 1 – slight

Flammability Rating: 0 – none

Reactivity Rating: 1 – slight

Contact Rating: 2 – moderate

Lab Protective Equip.: goggles, lab coat, proper gloves

Storage Color Code: Green (General Storage)

Section 3: Hazards Identification

CAS #	Chemical Name	Percent	Hazardous
4196-99-0	Biebrich Scarlet	90-100	no

Section 4: First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids

occasionally. Get medical attention if irritation persists.

Section 5: Fire and Explosion Data

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material. Use agent most appropriate to extinguish fire.

Flash Point: Not available

Auto ignition Temperature: Not available

Explosion Limits: Not available

Upper: Not available

NFPA Rating: (estimated) Health: 1, Flammability: 0, Instability: 0

Section 6: Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

Section 7: Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage: Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

Section 8: Exposure Controls/Personal Protection

Contains no substances with occupational exposure limit values.

Personal Protective equipment

Respiratory Protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU),

Hand Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye Protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

General industrial hygiene practice.

Section 9: Physical and Chemical Properties

Appearance: Dark red powder
Odor: No information found
pH: No information found
Vapor Pressure (mm Hg): No information found
Vapor Density (Air=1): No information found
Evaporation Rate (BuAc=1): No information found
Boiling Point: No information found
Melting Point: No information found
Solubility: Appreciable (>10%)
% Volatiles by volume @ 21C (70F): 0
Specific Gravity: No information found

Section 10: Stability and Reactivity Data

Stability: Stable under ordinary conditions of use and storage.

Hazardous decomposition products: Hydrogen chloride, and oxides of carbon, sulfur and nitrogen may be formed when heated to decomposition.

Hazardous Polymerization: will not occur

Incompatibilities: Strong oxidizer agents.

Conditions to Avoid: Incompatibles

Section 11: Toxicological Information

No LD50/LC50 information found relating to normal routes of occupational exposure.

Ingredient: Biebrich Scarlet (4196-99-0)

NTP Carcinogen

Known: No

Anticipated: No

IARC Category: None

Section 12: Ecological Information

Environmental Fate: No information found.

Environmental Toxicity: No information found.

Section 13: Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed

RCRA U-Series: None listed

Section 14: Transport Information

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Section 15: Other Regulatory Information

Chemical Inventory Status – Part 1

Ingredient: Biebrich Scarlet (4196-99-0)

TSCA: Yes

EC: Yes

Japan: No

Australia: Yes

Chemical Inventory Status – Part 2

Ingredient: Biebrich Scarlet (4196-99-0)

Canada

Korea: No

DSL: Yes

NDSL: No

Phil.: Yes

Federal, State & International Regulations – Part 1

Ingredient: Biebrich Scarlet (4196-99-0)

SARA 302

RQ: No

TPQ: No

SARA 313

List: No

Chemical Category: No

Federal, State & International Regulations – Part 2

Ingredient: Biebrich Scarlet (4196-99-0)

CERCLA: No

RCRA (261.33): No

TSCA (8 (d): No

Chemical Weapons Convention: No, TSCA: 12 (b): No, CDTA: No
SARA 311/312: Acute: No, Chronic: No, Fire: No, Pressure: No
Reactivity: No, (Pure-Solid)

Australian Hazchem Code: None allocated

Poison Schedule: None allocated

WHMIS: This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Section 16: Other Information:

MSDS Creation Date: 5/5/2009

Last Updated: 10/10/11

Date Verified and Printed: 10/10/11

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