

MATERIAL SAFETY DATA SHEET



Conforms to 93/112/EC and ISO 11014-1

1. Chemical Product and Company Identification

Product Name: Biebrich Scarlet

Product Number: HS-506

Chemical Names/

Description:

Ponceau BS; C.I. 26905

Manufacturer

National Diagnostics
305 Patton Drive
Atlanta, GA 30336

Telephone Numbers

(800) 526-3867
(404) 699-2121

Emergency Numbers

Chemtrec

(800) 424-9300 (U.S. & Canada)
01-703-527-3887 (outside U.S. & Canada)

2. Composition/Information on Ingredients

Component	% Comp.	CAS #	EINECS #	TLV (Units)
Biebrich Scarlet	100	4196-99-0		None Established

3. Hazards Identification

Appearance and Odor

Dark red powder.

EMERGENCY OVERVIEW - IMMEDIATE HAZARD

MAY CAUSE IRRITATION.

EMERGENCY OVERVIEW - CHRONIC HAZARD WARNING:

TO THE BEST OF MANUFACTURER'S KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

Potential Health Effects

Inhalation

None identified.

Ingestion

None identified.

Skin

Irritation.

Eyes

Irritation.

Signs and Symptoms of Overexposure

Inhalation

None identified.

Ingestion

None identified.

Skin

Pain, redness.

Eyes

Pain, redness.

Carcinogenicity

No information found.

Mutagenicity

No information found.

Reproductive Toxicity

No information found.

Teratogenic Effects

No information found.

Routes of Entry

Inhalation, ingestion, or skin contact.

Target Organ Statement

No information found.

4. First Aid Measures

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Skin

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

Eyes

Immediately flush eyes with plenty of water for at least fifteen minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures

Flash Point	N.A.	Flammable Limits	N.A.
Flash Point Method	N.A.	Autoignition temperature	N.A.

Extinguishing media

Use media appropriate to the primary cause of fire.

Protective Equipment

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Hazardous Combustion Products

Thermal decomposition products may include toxic oxides of nitrogen, sulfur, and carbon.

Unusual Fire and Explosion Hazards

N.A.

NFPA Codes: Health N.A. Flammability N.A. Reactivity N.A.

6. Accidental Release Measures

Steps to be taken in case material is released or spilled

Sweep up. Place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method

Disposal must be made in accordance with applicable federal, state, and local regulations.

Personal Precautions

Wear appropriate protective equipment as specified in section 8.

7. Handling and Storage

Handling

Avoid contact and inhalation. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

Storage

Keep in a tightly closed container, stored in a cooled, dry, ventilated area.

Storage Temperature

Room Temperature

Disposal

Observe all national, state, and local regulations regarding disposal.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits

Component: Biebrich Scarlet

ACGIH Threshold Limit Value (TLV): None Established

OSHA Permissible Exposure Limit

(PEL):

Engineering Controls

In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Respiratory Protection

For conditions of use where exposure to the substance is apparent, consult an industrial hygienist. For emergencies, or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator.

Eye Protection

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Skin Protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as

appropriate, to prevent skin contact.

Other Control Measures

There is insufficient data in the published literature to assign complete numerical safety ratings and laboratory protective equipment for this product. Special precautions must be used in storage, use and handling.

9. Physical Properties

Boiling point	No information found	Evaporation Rate	No information found
Melting point	No information found	Solubility in water	Appreciable (>10%)
Vapor pressure (mmHg)	Not applicable.	pH	No information found
Vapor density (Air = 1)	Not applicable.	Specific gravity (H2O = 1)	No information found
% volatile by volume	0		

10. Stability and Reactivity

Stability

Stable under ordinary conditions of use and storage.

Conditions to Avoid

No information found.

Hazardous Decomposition Products

Oxides of nitrogen, oxides of sulfur, carbon monoxide, carbon dioxide.

Hazardous Polymerization

Will not occur

Incompatibles

Biebrich Scarlet:

Strong oxidizing agents.

11. Toxicological Information

Product LD50 Values

Biebrich Scarlet	Oral Rat LD50 (mg/kg):	N.A.
Biebrich Scarlet	Dermal Rabbit LD50 (mg/kg):	N.A.

Component Cancer List Status

	NTP Carcinogen		IARC Category
	Known	Anticipated	
Biebrich Scarlet	No	No	none

12. Ecological Information

Biebrich Scarlet

No information found.

13. Disposal Considerations

Observe all national, state, and local regulations regarding disposal.

14. Transport Information

D.O.T.

Proper Shipping Name: Not regulated.

Hazard Class: N.A.

UN Number: N.A.

Packing Group: N.A.

I.A.T.A.

Proper Shipping Name: Not regulated.

Hazard Class: N.A.

UN Number: N.A.

Packing Group: N.A.

I.M.O.

Proper Shipping Name: Not regulated.

Hazard Class: N.A.

UN Number: N.A.

Packing Group: N.A.

15. Regulatory Information

United States

TSCA Regulatory Statement

All intentional ingredients are listed on the TSCA Inventory.

SARA 311/312 Hazard Categories

Component	Fire	Pressure	Reactivity	Acute	Chronic
Biebrich Scarlet	No	No	No	No	No

Europe

EEC Regulatory

All intentional ingredients are listed on the European EINECS Inventory.

16. Other Information

NFPA Codes: **Health** **N.A.** **Flammability** **N.A.** **Reactivity** **N.A.**

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