

BIEBRICH SCARLET

Safety Data Sheet

Emergency Telephone Number: CHEMTREC 1-800-424-9300

For Information call: DUDLEY 732-886-3100

DUDLEY CORPORATION

125 Kenyon Drive
Lakewood, New Jersey 08701

Effective Date: January 1, 2015

1. PRODUCT IDENTIFICATION: Synonyms: Acid Red 66, C.I. 26905, Ponceau BS, Croceine scarlet

CAS No.: 4196-99-0 **EC No.:** 224-084-5 **Molecular Weight:** 628.54 **Chemical Formula:** C22H14N4Na2O7S2.4H2O

2. HAZARDS IDENTIFICATION:

GHS Classification: Not a hazardous substance or mixture.

HMIS Classification: Health hazard 0, Flammability 0, Physical hazards 0

NFPA Rating: Health hazard 0, Fire 0, Reactivity hazard 0

Potential Health Effects: **Eye:** Risk of serious damage to eyes. **Skin:** Harmful in contact with skin.

Ingestion: Harmful if swallowed.

Inhalation: Harmful by inhalation.

3. COMPOSITION, INFORMATION ON INGREDIENTS:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Hazardous</u>
Biebrich Scarlet	4196-99-0	99%	No

4. FIRST AID MEASURES: **Eyes:** rinse immediately with plenty of water and seek medical advice.

Skin: Rinse with plenty of soap & water and seek medical advice.

Ingestion: Do not induce vomiting without medical advice. Rinse with water. Consult physician.

Inhalation: Move to fresh air. Consult a physician.

Notes to Physician: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES: **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.

Special Hazards Arising: Carbon, sodium, nitrogen & Sulphur oxides

Extinguishing Media: Use water spray, dry chemical, Carbon dioxide, or alcohol-resistant foam.

Flash Point: 300 deg C (572.00 deg F) **Auto-ignition Temperature:** Not applicable. **Explosion Limits:** Not available.

6. ACCIDENTAL RELEASE MEASURES: **General Information:** Use proper PPE 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.

7. HANDLING AND STORAGE: **Handling:** Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. **Storage:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION:

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

<u>Chemical Name</u>	<u>ACGIH</u>	<u>NIOSH</u>	<u>OSHA – Final/Vacated PEL's</u>
Biebrich Scarlet	None listed	None listed	None listed

Personal Protective Equipment: **Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES: **State:** Powder **Appearance:** Dark red - brown **Odor:** No data **pH:** No data

Melting Point: No data **Vapor Pressure & Density:** No data **Evaporation Rate:** No data **Viscosity:** No data

Boiling Point: Not available. **Decomposition Temperature:** No data **Solubility:** No data. **Density:** Not available.

10. STABILITY AND REACTIVITY:

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Conditions to Avoid: Incompatible materials, strong oxidants, excess heat, dust generation.

Incompatibilities: Strong oxidizing agents, reducing agents. **Hazardous Decomposition Products:** see section 5

11. TOXICOLOGICAL INFORMATION: **RTECS:** unlisted **LD50/LC50:** Not available.

Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

12. ECOLOGICAL INFORMATION: No data available.

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.

14. TRANSPORT INFORMATION: Not regulated.

15. REGULATORY INFORMATION: SARA 311/312: None

SARA Section 302 Extremely Hazardous Substances None of the chemicals in this product have a TPQ/RQ.

Section 313 No chemicals are reportable under Section 313.

STATE CAS# 4196-99-0 is not present on state lists from CA, MN, MA, FL.

Pennsylvania Right to Know: Sodium 6-(2-hydroxynaphthylazo)-3,4'-azodibenzene sulphonate CAS#4196-99-0

New Jersey Right to Know: Sodium 6-(2-hydroxynaphthylazo)-3,4'-azodibenzene sulphonate CAS#4196-99-0

California Prop. 65 components: None of the chemicals are known to cause cancer, birth defects, or any other reproductive harm.

EUROPEAN/INTERNATIONAL REGULATIONS European Labeling in Accordance with EC Directives

Hazardous Symbols: Not available.

WGK (Water Danger/Protection) CAS# 4196-99-0: No information available.

Canada - DSL/NDSL CAS# 4196-99-0 is listed on Canada's DSL List.

Canada - WHMIS WHMIS: Not available CAS#4196-99-0 is not listed on Canada's Ingredient Disclosure List.

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