



Safety Data Sheet

DAWN SCIENTIFIC

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

1. PRODUCT ID: Syn: 5',5''-Dibromophenolsulfonphtalein **Formula:** C₁₉H₁₁Br₂O₅Na
Weight: 534.15 **CAS No:** 102185-50-2

2. COMPOSITION, INFO ON INGREDIENTS:

Chemical Name	CAS No.	Percent	Hazardous
Bromophenol Red	102185-50-2	100	No

3. HAZARDS ID: GHS Classification: Not a hazardous substance.

HMIS CLASSIFICATION: Health Hazard: 0, Flammability: 0, Physical Hazards: 0

NFPA RATING: Health Hazard: 0, Fire Hazard: 0, Reactivity Hazard: 0

Potential Effects: **Eyes:** May cause eye irritation. **Skin:** May cause skin irritation. **Ingestion:** May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated. **Inhalation:** May cause respiratory irritation. The toxicological properties of this substance have not been fully investigated. **Chronic:** No info.

4. FIRST AID: **Eyes:** Flush eyes with plenty of water as a precaution. **Skin:** flush skin with plenty of soap & water. **Ingestion:** If victim is conscious and alert, give water to rinse mouth. Do **NOT** induce vomiting. **NEVER** give anything by mouth to an unconscious person. **Inhalation:** Remove to fresh air immediately. If not breathing, give artificial respiration. **Physician:** Treat symptomatically and supportively.

5. FIRE FIGHTING: **Info:** wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH, & full PPE. Irritating & highly toxic gases may be generated by thermal decomposition or combustion. **Hazards:** Carbon, sulfur oxides, & hydrogen bromide gas. **Extinguishing:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. **Flash Point:** N/A **Auto-ignition Temp:** N/A **Explosion Limits:** N/A

6. ACCIDENTAL RELEASE: **Info:** Use proper PPE as indicated in Section 8. **Spills/Leaks:** Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. Vacuum or sweep up material and place into a suitable disposal container.

7. HANDLING & STORAGE: Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Wash thoroughly after handling. **Storage:** Store in a cool, dry, ventilated area away from sources of heat or ignition. Store in a tightly closed container. Protect container from physical damage.

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

Chemical Name	ACGIH	NIOSH	OSHA – Final/Vacated PEL's
Bromophenol Red Sodium Salt	None listed	None listed	None listed

PPE: 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 29 CFR 1910.134 or European Standard EN149. Use a NIOSH/MSHA or European Standard EN 149 approved respirators if exposure limits are exceeded or if irritation or other symptoms are experienced.

9. PHYSICAL & CHEM: Appearance: Red-brown–brown powder **Solubility:** Slightly soluble.

10. STABILITY & REACTIVITY: Stability: Stable under normal temperatures/pressures. **Avoid:** Incompatibles, excess heat, exposure to flame. **Incompatibilities:** Strong oxidizing agents. **Hazardous Decomp. Products:** see section 5

11. TOXICOLOGICAL INFO: RTECS: N/A. **LD50/LC50:** N/A **Carcinogenicity:** N/A as a carcinogen by ACGOH, IARC, NTP, or CA Prop 65. **Other Studies:** The toxicological properties have not been fully investigated.

12. ECOLOGICAL INFO: N/A

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. Dispose of in a manner consistent with federal, state, and local regulations. **RCRA U & P-Series:** None

14. TRANSPORT INFO: Not regulated.

15. REGULATORY INFO: 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#102185-50-2 is not present on state lists from CA, PA, MA, MN, FL, or NJ.

California No Significant Risk Level: None of the chemicals in this product are listed.

EUROPEAN/INTERNATIONAL REGULATIONS European Labeling in Accordance with EC Directives

WGK (Water Danger/Protection) CAS# 102185-50-2: No information available.

Canada - DSL/NDL CAS# 102185-50-2 is not listed on Canada's DSL List.

Canada - WHMIS: N/A is not listed on Canada's Ingredient Disclosure List.

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