



Safety Data Sheet

DAWN SCIENTIFIC

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

1. PRODUCT ID: Syn: Tetrabromophenoltetrabromosulfoneneophthalein; BPB

CAS No.: 115-39-9 **EC-No.:** 204-086-2 **Weight:** 669.96 **Formula:** C₁₉H₁₀Br₄O₅S

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

Potential Effects: Eyes: May cause eye irritation. **Skin:** May cause skin irritation. **Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Low hazard for usual industrial handling. **Inhalation:** May cause respiratory tract irritation. Low hazard for usual industrial handling.

3. COMPOSITION, INFO ON INGREDIENTS:

Chemical Name	CAS No.	Percent
Bromophenol Blue	115-39-9	99%

4. FIRST AID: Eyes: Flush eyes w/ 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. **NEVER** give anything by mouth to an unconscious person. **Inhalation:** Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. **Physician:** Treat symptomatically & supportively.

5. FIRE FIGHTING: Info: Wear a self-contained breathing apparatus MSHA/NIOSH, & full PPE. Irritating & highly toxic gases may be generated by thermal decomp. or combustion. **Extinguishing:** Use water spray, dry chem, carbon dioxide, or alcohol-resistant foam. **Hazards:** Carbon, Sulfur oxides. Hydrogen bromide gas, **Flash Pt:** n/a **Auto-ignition Temp:** n/a. **Explosion Limits:** n/a

6. ACCIDENTAL RELEASE: Info: Use proper PPE as indicated in Section 8. **Spills:** 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 & 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 closed container in a cool, dry, well-ventilated area away from incompatible substances.

8. EXPOSURE 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.

Name	ACGIH	NIOSH	OSHA - Final PEL's
Bromophenol Blue	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. 0.11mm nitrile. **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 & CHEM: **Appearance:** Brownish-pink to pink powder **Odor:** Odorless. **Melting Pt:** 273° C (523°F) – lit

10. STABILITY & REACTIVITY: **Avoid:** N/A. **Decomp. Products:** N/A **Stability:** Stable at room temp in closed containers under normal storage & handling conditions. **Incompatibilities:** Strong oxidizing agents, strong reducing agents, strong acid, strong bases.

11. TOXICOLOGICAL INFO: **RTECS:** SJ7453000 **LD50/LC50:** Not available
Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

12. ECOLOGICAL INFO: **Fate Toxicity:** 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.

RCRA P-Series: None listed. **RCRA U-Series:** None listed.

14. TRANSPORT INFO: Not dangerous goods.

15. REGULATORY INFO: SARA 311/312 Hazards: No SARA hazards

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

Section 313 No chemicals are reportable under Section 313.

STATE CAS# 115-39-9 is not present on state lists from CA, MA, MN, FL

PA & NJ Right to Know: Tetra bromophenol blue CAS#115-39-9 Rev.7/17/2009

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

EUROPEAN/INTERNATIONAL REGULATIONS European Labeling in Accordance with EC Directives

Hazardous Symbols: Not available. **WGK (Water Danger/Protection)** CAS# 115-39-9: No information available.

Canada - DSL/NDSL CAS# 115-39-9 is listed on Canada's DSL List.

Canada – WHMIS This product has a WHMIS classification of Not controlled.

CAS# 115-39-9 is not listed on Canada's Ingredient Disclosure List.

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