



## Safety Data Sheet

## DAWN SCIENTIFIC

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

1. **PRODUCT ID:** Syn: 4,4'-(3H-1,2-Benzoxathiol-3-Yliden)Bis(2,6-Dibromo-3-Methylphenol S,S-Dioxide Monosodium Salt. **CAS No.:** 62625-32-5 **EC-No.:** 263-657-4 **Weight:** 719.7538 **Formula:** C<sub>21</sub>H<sub>13</sub>Br<sub>4</sub>O<sub>5</sub>Na

2. **HAZARDS ID: GHS Classification:** Not a hazardous substances

**HMIS Classification:** Health hazard: 0

Flammability: 0

Physical hazards: 0

**NFPA Rating:**

Health hazard: 0

Fire: 0

Reactivity Hazard: 0

**Potential Effects:** **Eyes:** May cause eye irritation. **Skin:** May cause skin irritation.

**Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

**Inhalation:** May cause respiratory tract irritation. The toxicological properties have not been fully investigated.

## 3. COMPOSITION, INFO ON INGREDIENTS:

Chemical Name	CAS No.	Percent
Bromocresol Green Sodium Salt	62625-32-5	95%

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, 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 approved or equivalent, and full protective gear. Irritating & highly toxic gases may be generated by thermal decomposition or combustion. **Extinguishing:** Substance is noncombustible. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. **Hazards:** Carbon, Sulphur, sodium 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/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 & 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:** Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

Chemical	ACGIH	NIOSH	OSHA - Final PEL's
Bromocresol Green 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. 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:** Dark Brownish Red powder **Melting Pt:** 230°C (446°F)

**10. STABILITY & REACTIVITY: Incompatibilities:** Strong oxidizing agents. **Stability:** Stable at room temperature in closed containers under normal storage & handling conditions. **Avoid:** N/A.

**Hazardous Decomp Products:** N/A

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

**Carcinogenicity:** CAS# 62625-32-5: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**12. ECOLOGICAL INFO: Environmental Fate & Toxicity:** No information 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 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# 62625-32-5 is not present on state lists from CA, MA, MN, FL.

**Pa Right to Know:** 4,4'-(3H-1,2-Benzoxathiol-3-Yliden)Bis(2,6-Dibromo-3-Methylphenol S,S-Dioxide Monosodium Salt CAS#62625-32-5 **NJ Right to Know:** 4,4'-(3H-1,2-Benzoxathiol-3-Yliden)Bis(2,6-Dibromo-3-Methylphenol S,S-Dioxide Monosodium Salt CAS#62625-32-5

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:** N/A **WGK (Water Danger/Protection)** CAS# 62625-32-5: No information available.

**Canada - DSL/NDSCAS#** 62625-32-5 is listed on Canada's DSL List.

**Canada – WHMIS:** This product had a WHMIS classification of D2B,E.

CAS# 62625-32-5 is not listed on Canada's Ingredient Disclosure List.

**16. DISCLAIMER INFO:** DAWN SCIENTIFIC provides the information herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. DAWN SCIENTIFIC makes no representations or warranties, either expressed or implied, including without limitation and warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, DAWN SCIENTIFIC will not be responsible for damages resulting from the use of or reliance upon this information.