



Safety Data Sheet

DAWN SCIENTIFIC

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

1. PRODUCT ID: **Syn:** Phenolsulfonphthalein sodium salt **CAS No.:** 34487-61-1
E-C No.: 205-609-7 **Weight:** 354.38g/mol **Formula:** C₁₉H₁₄O₅S

2. HAZARDS ID: GHS Class: 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 Effects: **Eye:** Risk of serious damage to eyes. **Skin:** Harmful in contact with skin.

Ingestion: Harmful if swallowed. **Inhalation:** Harmful by inhalation.

3. COMPOSITION / INFO ON INGREDIENTS:

Chemical : Sodium hydrogen 4,4'-(3H-2,1-benzoxathiyl-3-ylidene)bisphenolate S,S-dioxide

CAS No. : 34487-61-1

Percent : 90-100%

4. FIRST AID: **Eyes:** rinse with plenty of water **Skin:** Rinse with plenty of soap & water **Ingestion:** Do not induce vomiting w/o medical advice. Rinse with water. **Inhalation:** Move to fresh air. **Physician:** Treat symptomatically & supportively.

5. FIRE FIGHTING: **Info:** wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH, & full PPE. Emits toxic fumes under fire. **Hazards:** Carbon, sodium, & sulfur oxides. **Extinguishing:** Use water spray, Carbon Dioxide, dry chem powder, or alcohol-resistant foam.

6. ACCIDENTAL RELEASE: **Info:** Use proper PPE as indicated in Section 8. **Spills/Leaks:** Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dust. Provide ventilation.

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

8. EXPOSURE: 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 / Vacated PEL's
Phenol 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 regulation in 29 CFR 1910.133 or European Standard EN 166. **Skin:** Wear appropriate protective gloves to prevent skin exposure. 0.11mm thick nitrile. **Clothing:** Wear appropriate protective clothing to prevent skin exposure.

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

9. PHYSICAL: Appearance: Bright red-dark red powder. **Odor:** Odorless. **Melting Pt:** 285°C(545°F)

10. STABILITY & REACTIVITY: Stability: Stable under ordinary conditions of use & storage. **Avoid:** Incompatibles. **Incompatibilities:** Strong oxidizing agents **Haz Decomp:** see section 5

11. TOXICOLOGICAL INFO: RTECS: N/A **LD50/LC50:** N/A **Carcinogenicity:** Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. **Other Studies:** May cause respiratory irritation

12. ECOLOGICAL INFO: No info.

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 REGULATIONS: Not regulated

15. REGULATORY INFO: SARA 311/312: None

SARA Section 302 Extremely Hazardous Substances: None of the chemical in this product have a TPO/RQ.

Section 313: No chemicals are reportable under Section 313.

STATE CAS#34487-61-1 is not present on state lists from CA, MN, MA, FL.

PA & NJ Right to Know: Sodium hydrogen 4,4'-(3H-2,1-benzoxiathiol-3-ylidene)bisphonolate S,S-dioxide CAS#34487-61-1

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#143-74-8 No information available.

Canada – DSL/NDSL CAS#34487-61-1 is listed on Canada's DSL List.

Canada – WHMIS This product has a WHMIS classification of Not Controlled. CAS#34487-61-1 is not listed on Canada's Ingredient Disclosure List.

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