



Safety Data Sheet

DAWN SCIENTIFIC

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

1. PRODUCT ID: Syn: 5,5'-Dibromo-o-cresolsulfonphthalein **CAS No.:** 62625-30-3 **E-C No.:** 263-655-3
Weight: 562.20g/mol **Formula:** C₂₁H₁₅Br₂NaO₅S

2. HAZARDS ID: GHS Classification: Skin irritation (Category 2) Eye irritation (Category 2A)
Specific target organ toxicity - single exposure (Category 3)

Pictogram:

**Signal Word:** WARNING**Hazard Statements(S):** H319: Causes serious eye irritation. H315: Causes skin irritation

H335: May cause respiratory irritation

Precautionary Statement(s): P261: Avoid breathing dust/spray/ fume/gas/ mist/ vapors. P264: wash skin thoroughly after handling. P271: Use only outdoors or in well-ventilated area. P405: Store locked up. P280: Wear protective gloves/eye & face protection P302 + P352: If on Skin: Wash with plenty of soap & water. P304 + P340: If inhaled: remove to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338: If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present & easy to do so. Continue Rinsing. P312: Call Poison Center or doctor/physician if you feel unwell P321: Specific treatment (see supplemental first aid instructions) P332 + P313: If skin irritation occurs: consult physician P337+ P313: If eye irritation occurs: consult physician P362: Take off contaminated clothing and wash before reuse. P403 + P233: Store in a well- ventilated place. Keep container tightly closed. P501: Dispose of contents/container to an approved waste disposal plant.

HMIS Classification: Health hazard 2, Flammability 0, Physical hazards 0**NFPA Rating:** Health hazard 2, 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 / INFO ON INGREDIENTS:**

Chemical Name	CAS No.	Percent
Bromocresol Purple sodium Salt	62625-30-3	100%

4. FIRST AID: Eyes: rinse with plenty of water for 15 min 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. **Physician:** Treat symptomatically and supportively.

5. FIRE FIGHTING: Info: wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOS, & full PPE. Irritating and highly toxic gases may be generated by thermal decomp or combustion. **Hazards:** Carbon, Sulfur & sodium oxides, hydrogen bromide gas **Extinguishing:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

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 breathing dust, vapor, mist, or gas. 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 incompatibles.

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 Name	ACGIH	NIOSH	OSHA - Final /Vacated PEL's
Bromocresol Purple	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. 0.11 mm thick 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: Red-dark brown to black powder **Melting Pt:** 255°C (491°F)

10. STABILITY & REACTIVITY: Stability: Stable at room temp. in closed containers under normal storage & handling conditions. **Avoid:** Incompatibles, dust generation, excess heat, strong oxidants.

Incompatibilities: Oxidizing agents. **Hazardous Decomp:** see section 5

11. TOXICOLOGICAL INFO: RTECS: N/A **LD50/LC50:** N/A **Carcinogenicity:** N/A by ACGIH, IARC, NIOSH, NTP, or OSHA.

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.

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

14. TRANSPORT INFO: Not regulated.

15. REGULATORY INFO: SARA 311/312: Acute Health Hazard.

CERCLA Haz. Substances & corresponding RQ/TPQs None of the chemicals in material have an RQ/TPQ.

Section 313: No chemicals are reportable under Section 313.

STATE CAS# 62625-30-3 is not present on state lists from CA, MN, MA, FL.

Pa Right to Know: Sodium α -(3-bromo-5-methyl-4-oxo-2,5-cyclohexadienylidene)- α -(3-bromo-5-methyl-4-hydroxyphenyl)toluenesulphonate) CAS#62625-30-3

NJ Right to Know: Sodium α -(3-bromo-5-methyl-4-oxo-2,5-cyclohexadienylidene)- α -(3-bromo-5-methyl-4-hydroxyphenyl)toluenesulphonate) CAS#62625-30-3 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: N/A **WGK (Water Danger/Protection)** CAS# 62625-30-3: No information available.

Canada - DSL/NDL CAS# 62625-30-3 is listed on Canada's DSL List.

Canada – WHMIS: This product has a WHMIS classification of D2B.

CAS# 62625-30-3 is not listed on Canada's Ingredient Disclosure List.

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