



BROMOCRESOL PURPLE FREE ACID

Effective Date : 01-Jan-2021

Safety Data Sheet

DAWN SCIENTIFIC

121 Liberty Street, Metuchen, NJ

1-800-DAWN-SCI | 732-902-6300

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

1. PRODUCT ID: Syn: 5,5'-Dibromo-o-cresolsulfonphthalein, Bromocresol purple sultone form **CAS No.:** 115-40-2
E-C No.: 204-087-8 **Weight:** 540.22g/mol **Formula:** C₂₁H₁₆Br₂O₅S

2. HAZARDS ID: GHS Classification: 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 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	155-40-2	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 if necessary, **Extinguishing:** Use water spray, dry chem, or alcohol-resistant foam. **Hazards:** carbon, Sulphur oxides & hydrogen bromide gas.

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 PPE section. Avoid generating dusty conditions. Provide ventilation.

7. HANDLING & STORAGE: **Handling:** Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. **Storage:** Keep away from heat, sparks, and flame. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatibles.

8. EXPOSURE CONTROLS, PPE: 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, Free Acid	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 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: Salmon-light pink powder **Melting Pt:** 245°C (464°F)

10. STABILITY & REACTIVITY: Haz Decomp: See section 5 **Stability:** Stable at room temp under normal storage and handling conditions. May decompose if heated. **Avoid:** Incompatibles, strong oxidants **Incompatibilities:** Strong oxidizing agents.

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

12. ECOLOGICAL INFO: 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 regulated.

15. REGULATORY INFO: SARA 311/312: None.

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

Section 313 No chemicals are reportable under Section 313.

STATE: CAS# 115-40-2 is not present on state lists from CA, MN, MA, FL.

Pa Right to Know: Bromocresol purple CAS#115-40-2 Rev Date: 7/17/2009

NJ Right to Know: Bromocresol purple CAS#115-40-2 Rev Date: 7/17/2009

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: Xi

WGK (Water Danger/Protection) CAS# 115-40-2: No information available.

Canada - DSL/NDSL CAS# 115-40-2 is listed on Canada's DSL List.

Canada – WHMIS: Not available. CAS# 115-40-2 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.