



BROMOTHYMOL BLUE SODIUM SALT ACS

Effective Date : 01-Jan-2021

Safety Data Sheet

DAWN SCIENTIFIC

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1. PRODUCT ID: Syn: 3',3''-Dibromothymolsulfonephthalein, sodium salt; BTB.

CAS No.: 34722-90-2 **EC-No.:** 252-169-7 **Weight:** 646.36 **Formula:** C₂₇H₂₇Br₂NaO₅S

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

HMIS CLASSIFICATION: Health Hazard: 0 Flammability: 0 Physical Hazards: 0

NFPA RATING: Health Hazard: 0 Fire: 0 Reactivity hazard: 0

Potential Effects: Eyes: No info regarding eye irritation and other potential effects was found.

Skin: No info regarding skin irritation and other potential effects was found. **Ingestion:** The toxicological properties of this substance have not been fully investigated. **Inhalation:** The toxicological properties of this material have not been fully investigated. **Chronic:** No information found.

3. COMPOSITION, INFO ON INGREDIENTS:

Chemical	CAS No.	Percent
Bromothymol Blue Sodium Salt ACS	34722-90-2	

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, give water to rinse mouth,. Do **NOT** induce vomiting. **NEVER** give anything by mouth to an unconscious person. **Inhalation:** Remove to fresh air. 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 PPE. During a fire, irritating and highly toxic gases may be generated by thermal decomp or combustion. **Extinguishing:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. **Hazards:** Carbon monoxide, oxides of sulfur, carbon dioxide, hydrogen bromide.

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 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 / Vacated PEL's
Bromothymol Blue 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 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: Green to yellow, orange to brown-black powder.

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

Hazardous Decomp Products: see section 5

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

Carcinogenicity: 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# 34722-90-2 is not present on state lists from CA, MA, MN, FL.

Pa Right to Know: Bromothymol Blue sodium salt CAS#34722-90-2

NJ Right to Know: Bromothymol Blue sodium salt. CAS#34722-90-2

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# 34722-90-2: No information available.

Canada - DSL/NDL: CAS# 34722-90-2: is listed on Canada's DSL List.

Canada – WHMIS: Not available. CAS# 34722-90-2 is not listed on Canada's Ingredient Disclosure List.

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