



## METHYLTHYMOL BLUE W/S ACS

Effective Date : 01-Jan-2021

### Safety Data Sheet

#### DAWN SCIENTIFIC

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**1. PRODUCT ID:** **Syn:** 3,3-Bis(n,N-Di(Carboxymethyl)Aminomethyl) Thymolsulfonephthalein, Sodium Salt; MTB. **CAS No.:** 1945-77-3 **Weight:** 844.76. **EC No.:** 217-743-3 **Formula:** C<sub>37</sub>H<sub>40</sub>N<sub>2</sub>Na<sub>4</sub>O<sub>13</sub>S

**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

#### 3. COMPOSITION / INFO ON INGREDIENTS:

Chemical Name	CAS No.	Percent	Hazardous
Methylthymol Blue, Water Soluble	1945-77-3	-	No

**4. FIRST AID:** **Eyes:** rinse with water **Skin:** Rinse with soap & water **Ingestion:** Do not induce vomiting without medical advice. Rinse with water. **Inhalation:** Move to fresh air. **Physician:** Treat symptomatically and supportively.

**5. FIRE FIGHTING:** **Info:** wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH & full PPE. Irritating & highly toxic gas may be generated by thermal decomp/combustion. Runoff from fire control or dilution water may cause pollution. **Extinguishing:** Use water spray, alcohol-resistant foam, dry chem, or carbon dioxide. **Special Haz:** Carbon, nitrogen, Sulphur & sodium oxides. Combustible. **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 PPE Section. Avoid generating dusty conditions. Provide ventilation.

**7. HANDLING & STORAGE:** **Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. 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:** Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatibles.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION: Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Chemical Name	ACGIH	NIOSH
Methylthymol Blue Sodium salt	None listed	None listed

**9. PHYSICAL & CHEM: Appearance:** Dark Green powder **pH:** 6.2 at 10g/l at 68°F  
**Bulk Density:** ca.570 kg/m<sup>3</sup> **Solubility:** ca. 460 g/l at 68°F

**10. STABILITY & REACTIVITY: Stability:** Stable under normal temp/pressures. **Avoid:** Incompatibles, dust generation, excess heat, strong oxidants. **Incompatibilities:** Oxidizing agents. **Haz Decomp:** see section 5

**11. TOXICOLOGICAL INFO: RTECS#:** unlisted. **LD50/LC50:** Not available.  
**Carcinogenicity:** Not listed by ACGIH, IARC, 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 REGULATIONS:** No information available.

**15. REGULATORY INFO: SARA 311/312:** None.  
**Section 302 (RQ) and Section 302 (TPQ)** None of the chemicals in this product have a RQ or TPQ.  
**Section 313** No chemicals are reportable under Section 313.  
**STATE** is not present on state lists from CA, MN, MA, FL.  
**PA & NJ Right to Know:** Tetrasodium N,N'-[3H-2,1-benzoxathiol-3-ylidenebis[[6-hydroxy-5-isopropyl-2-methylphen-3,1-ylene]methylene]]bis[N-(carboxylatomethy CAS#1945-77-3  
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**

**Hazard Symbols:** Not available. **WGK (Water Danger/Protection)** CAS# 1945-77-3: No information available.

**Canada - DSL/NDL** CAS# 1945-77-3 is listed on Canada's DSL List. **Canada – WHMIS:** Not available.

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