



Safety Data Sheet

DAWN SCIENTIFIC

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

1. PRODUCT: Syn: TB; Thymolsulfonephthalein. CAS No.: 76-61-9. EC-No.: 200-973-3
Weight: 466.59 Formula: C₂₇H₃₀O₅S.

2. HAZARDS: GHS: Not a hazardous substance or mixture.

HMIS Class: 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	CAS No.	Hazardous
Thymol Blue	76-16-9	No

4. FIRST AID: Eyes: rinse as precaution Skin: Rinse with plenty of 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. Water mist may be used to cool closed containers. Extinguishing: Use dry chemical, CO₂, water spray or alcohol resistant foam. Hazards: Carbon oxides, Sulphur oxides

6. ACCIDENTAL RELEASE: Info: Use proper PPE as indicated in Section 8. Spills/Leaks: Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions. Provide ventilation.

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

8. EXPOSURE: Use adequate ventilation to keep airborne concentrations low.

Chemical	ACGIH	NIOSH	OSHA – Final/Vacated PELs
Thymol Blue	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: Appear: Dark brown powder. **Melting Pt:** 221-224°C **Density:** 0.979 g/cm³

10. STABILITY & REACTIVITY: Stability: Stable under normal temps/pressures. **Avoid:** High Temps. **Incompatibilities:** N/A. **Haz Decomp:** see sec 5

11. TOXICOLOGICAL INFO: RTECS#: XP2575000. **LD50/LC50:** N/a.
Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

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 regulations to ensure complete and accurate classification.

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

14. TRANSPORT REGULATIONS: No info.

15. REGULATORY INFO: SARA 311/312: None

Section 302 (RQ) & Section 302 (TPQ) None of the chemicals in this material/product have an RQ or TPQ. **Section 313** No chemicals are reportable under Section 313. **STATE** not present on state lists from CA, MN, MA, FL. **PA/NJ Right to Know:** Thymol blue CAS#76-61-9 California Prop.65: 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# 76-61-9: No information available.

Canada - DSL/NDSL: CAS# 76-61-9 is listed on Canada's DSL List.

Canada – WHMIS: This product has a WHMIS classification of not controlled.

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