



Safety Data Sheet

DAWN SCIENTIFIC

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

1. PRODUCT: **Syn:** Thymol blue sodium salt; Thymol blue sodium. **CAS No.:** 62625-21-2.
Weight: 488.58. **EC-No.:** 263-650-6 **Formula:** C₂₇H₂₉NaO₅S.

2. HAZARDS: **GHS Class:** None

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.	Percent	Hazardous
Thymol blue sodium salt	62625-21-2	100%	No

4. FIRST AID: **Eyes:** rinse immediately with plenty of water 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. Consult a physician. **Physician:** Treat symptomatically & 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 & sodium 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.

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

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

Chemical	ACGIH	NIOSH	OSHA - Final /Vacated PELs
Thymol 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. **Clothing:** Wear appropriate protective clothing to prevent skin exposure. **Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirators when necessary.

9. PHYSICAL & CHEM: Melting Pt: 283-285°C

10. STABILITY & REACTIVITY: Avoid: High temp, incompatibles. **Stability:** Materials containing similar functional groups can decompose at elevated temps. **Incompatibilities:** Strong oxidizers. **Haz Decomp:** see section 5

11. TOXIC INFO: RTECS#: unlisted. **LD50/LC50:** N/A. **Carcinogenicity:** Not in ACGIH, IARC, NIOSH, NTP, or OSHA.

12. ECOLOGICAL INFO: No data.

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 info.

15. REGULATORY INFO: SARA 311/312: None **Section 302** None of the chemicals in this product have a TPQ/RQ

Section 313 No chemicals are reportable under Section 313.

STATE CAS# 62625-21-2 s not present on state lists from CA, MN, MA, FL.

PA/NJ Right to Know: Sodium hydrogen 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis[5-methyl-2-(1-methylethyl)phenolate] S,S-dioxide CAS#62625-21-2

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# 62625-21-2: No information available.

Canada - DSL/NDSL CAS# 62625-21-2 is listed on Canada's DSL List. **Canada - WHMIS** WHMIS: Not available.

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