



XYLENOL BLUE

Effective Date : 01-Jan-2021

Safety Data Sheet

DAWN SCIENTIFIC

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

1. PRODUCT: **Syn:** p-Xylenolsulfonephthalein **CAS No.:** 125-31-5 **E-C No.:** 204-736-5
Weight: 410.48g/mol **Formula:** C₂₃H₂₂O₅S

2. HAZARDS: GHS Class: Not a hazardous substance

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

Ingredient : Phenol,4,4'-(3h-2,1-benzoxathiol-3-ylidene) bis 2, 5-dimehyl

CAS No. 125-31-5

Percent: ~90%

4. FIRST AID: Eyes: rinse immediately 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. Consult a physician. **Physician:** Treat symptomatically & supportively.

5. FIREFIGHTING; Info: wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH & full PPE. Irritating & toxic gases may be generated by thermal decomp/combustion. **Hazards:** Carbon & sulphur oxide **Extinguishing:** Use water spray, dry chem, carbon dioxide, or alcohol-resistant foam.

6. ACCIDENTAL RELEASE: Use proper PPE as indicated in Section 8. **Spill/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. Avoid contact with eyes, on skin, and clothing. Avoid ingestion or inhalation. Use adequate ventilation. **Storage:** Store in a tightly closed container. Store in a cool, dry, place.

8. EXPOSURE: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

CHEMICAL NAME	ACGIH	NIOSH	OSHA – FINAL/Vacated PELs
Phenol,4,4'-(3h-2,1- benzoxathiol-3-ylidene) bis2,5-dimethyl-,	none	none	none

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 contact and exposure. **Respirators:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN149 must be followed whenever workplace conditions warrant a respirator use.

9. PHYSICAL & CHEM: Appearance: Dark brown powder **Melting Pt:**212°C (414°F)

10. STABILITY & REACTIVITY: Stability: Stable under normal temp/pressures. **Avoid:** Incompatibles, excess heat, strong oxidants. **Incompatibilities:** Strong oxidizing agents. **Hazardous Decomp Products:** see section

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

12. ECOLOGICAL INFO; N/A.

13. DISPOSAL CONSIDERATIONS: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. U.S. 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 information.

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

14. TRANSPORT INFO: Not regulated.

15. REGULATORY INFO: SARA 311/312: None **Section 313** No chemicals are reportable under Section 313.

Section 302 None of the chemicals in this material have an RQ or TPQ.

STATE: CAS#125-31-5 is not present on state lists from CA, MN, MA, FL.

PA / NJ Right to Know: 4,4'-(3H-2,1-Benzoxathiol-3-ylidene)bis[2,5-dimethylphenol]S,S-dioxide CAS#125-31-5 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: XI **WGK (Water Danger/Protection)** CAS#125-31-5: Not available.

Canada – DSL/NDSL CAS#125-31-5 is listed on Canada's DSL List.

Canada – WHMIS This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List: CAS#125-31-5 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.