



XYLENOL ORANGE TETRASODIUM SALT ACS

Effective Date : 01-Jan-2021

Safety Data Sheet

DAWN SCIENTIFIC

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1. PRODUCT: Syn: 3,3'-bis[N,N-di(Carboxymethyl) aminomethyl]-o-cresolsulfonephthaleine, sodium salt. Xylenol orange, indicator; Xylenol Orange, sodium salt; Tetrasodium.

CAS No.: 3618-43-7 **EC-No.:** 222-805-8 **Weight:** 760.59 **Formula:** C₃₁H₂₈N₂Na₄O₁₃S

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: Inhalation: Dust is irritating to the respiratory tract. Low hazard for usual industrial handling. **Ingestion:** May cause gastrointestinal irritation with nausea, vomiting, and diarrhea. **Skin Contact:** May cause skin irritation. Low hazard for usual industrial handling. **Eye Contact:** May cause eye irritation.

3. COMPOSITION / INFO ON INGREDIENTS:

Chemical	CAS No.	Percent
Xylenol Orange, Tetrasodium Salt	3618-43-7	> 90%

4. FIRST AID: Inhalation: remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. **Ingestion:** If swallowed, do **NOT** induce vomiting unless directed to do so by medical personnel. **Never** give anything by mouth to an unconscious person. Get medical attention. **Skin:** flush skin with plenty of SOAP & water. **Eye:** Flush eyes with plenty of water as a precaution. **Physician:** Treat symptomatically and supportively.

5. FIRE FIGHTING: Info: wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH & PPE. **Haz:** Carbon, Nitrogen, Sulphur, & Sodium oxides. **Extinguishing:** use water spray, dry chem foam, or alcohol-resistant foam. **Flash Pt:** N/A **Auto-ignition Temp:** N/A. **Explosion Limits:** N/A.

6. ACCIDENTAL RELEASE: Info: Wear appropriate PPE as specified in Section 8. **Spills:** Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Provide ventilation.

7. HANDLING & STORAGE: **Handling:** Wash thoroughly after handling. Remove contaminated clothing and shoes. Wash clothing before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid breathing dust. **Storage:** Keep in a tightly closed container, stored in a cool, dry, ventilated area away from incompatible substances.

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

Chemical	ACGIH	NIOSH	OSHA Final PELs
Xylenol orange tetrasodium salt	None listed	None listed	None listed

PPE: Eyes: Wear appropriated protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN 166. **Skin:** Wear appropriate protective gloves to prevent skin exposure. 0.11mm nitrile **Clothing:** Wear appropriate protective clothing (Lab coat, overalls) 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 respirator when necessary.

9. PHYSICAL & CHEM: **Appearance:** Dark brown-purple to dark red crystals. **Melting Pt:** 195° C (383°F) **Solubility (in water):** Soluble

10. STABILITY & REACTIVITY: **Stability:** Stable under ordinary use & storage. **Avoid:** Dust generation. Exposure to air or moisture over prolonged periods. **Incompatibilities:** Strong oxidizing agents. **Haz Decomp:** see section 5

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. 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: Not dangerous goods

15. REGULATORY INFO: SARA 311/312 Hazards: No SARA hazards.

Section 302 (RQ) and 302 (TPQ): None of the chemicals in this product have an RQ or TPQ.

Section 313: No chemicals are reportable under Section 313.

State: CAS# 3618-43-7 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-methylphen-3,1-ylene)methylene]]bis[N-(carboxylatomethyl)aminoacetat CAS#3618-43-7

California No Significant Risk Level: None of the chemicals in this product are listed.

EUROPEAN / INTERNATIONAL REGULATIONS European Labeling in Accordance with EC Directives

Hazard Symbols: Not available **WGK (Water Danger/Protection):** CAS# 3618-43-7: No information available.

Canada DSL/NDSL List: CAS# 3618-43-7 is on Canada's DSL List.

Canada WHMIS: This product has a classification of "Not Controlled".

Canadian Ingredient Disclosure List CAS# 3618-43-7 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.