



Safety Data Sheet

DAWN SCIENTIFIC

121 Liberty Street, Metuchen, NJ

1-800-DAWN-SCI | 732-902-6300

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

1. PRODUCT ID: **Syn:** Phenolsulfonphthalein **CAS No.:** 143-74-8 **E-C No.:** 205-609-7

Weight: 354.38g/mol **Formula:** C₁₉H₁₄O₅S

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

Potential Effects: **Eye:** Risk of serious damage to eyes. **Skin:** Harmful in contact with skin.

Ingestion: Harmful if swallowed. **Inhalation:** May be harmful by inhalation.

3. COMPOSITION / INFO ON INGREDIENTS:

Chemical	CAS No.	Percent
Phenol Red	143-74-8	90-100%

4. FIRST AID: **Eyes:** rinse with plenty of water 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. Emits toxic fumes under fire conditions. **Hazards:** Carbon & sulfur oxides. **Extinguishing:** Use water spray, Carbon Dioxide, dry chem powder, or alcohol-resistant foam.

6. ACCIDENTAL RELEASE: **Info:** Use proper PPE as indicated in Section 8. **Spills/Leaks:** Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid dusty conditions. Provide ventilation.

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

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

Chemical	ACGIH	NIOSH	OSHA –Final / Vacated PEL's
Phenol Red Free Acid	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 regulation in 29 CFR 1910.133 or European Standard EN 166. **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 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: Bright red to a dark red powder. **Odor:** Odorless **Melting Pt.:** >300°C **Water Solubility:** 0.77 g/l at 100°C **Bulk Density:** ca.200-300 kg/m³ **Partition coefficient: n-octanol/water: log Pow:** 3.02 Bioaccumulation is not expected.

10. STABILITY & REACTIVITY: Stability: Stable under ordinary conditions of use and storage. **Avoid:** Incompatibles **Incompatibilities:** Strong oxidizing agents **Haz Decomp:** see section 5

11. TOXICOLOGICAL INFO: RTECS: SJ7490000 **LD50/LC50:** No information available. **Carcinogenicity:** Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. **Other Studies:** May cause respiratory irritation

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: Not regulated.

15. REGULATORY INFO: SARA 311/312: None

SARA Section 302 Extremely Hazardous Substances: None of the chemical in this product have a TPQ/RQ.

Section 313: No chemicals are reportable under Section 313.

STATE CAS#143-74-8 is not present on state lists from CA, MN, MA, FL.

PA Right to Know: Phenol red CAS#143-74-8 **NJ Right to Know:** Phenol Red CAS#143-74-8

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

Hazardous Symbols: Not available. **WGK (Water Danger/Protection)** CAS#143-74-8 No information available.

Canada – DSL/NDL CAS#143-74-8 is listed on Canada's DSL List.

Canada – WHMIS This product has a WHMIS classification of Not Controlled. CAS#143-74-8 is not listed on Canada's Ingredient Disclosure List.

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