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XYLIDINE PONCEAU 2R

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION:

Synonyms: Acid Red 26; C.I. 16150; 4-(2,4-Dimethylphenylazo)-3-hydroxy-2,7-naphthalenedisulfonic acid, disodium salt; Ponceau G, R, 2R; Xyledine Red; 1-Xylylazo-2-naphthol-3,6-disulfonic acid, disodium salt.

CAS No.: 3761-53-3

Molecular Weight: 480.41

Chemical Formula: C₁₈H₁₄N₂O₇S₂Na₂

2. COMPOSITION / INFORMATION ON INGREDIENTS:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Hazardous</u>
Ponceau 2R	3761-53-3	~ 99	No

3. HAZARDS IDENTIFICATION:

Emergency Overview

Appearance: Dark red - Bordeaux crystalline powder. **CAUTION!** May be harmful if absorbed through the skin. May be harmful if swallowed. May cause irritation.

Potential Health Effects

Eye: May cause irritation.

Skin: May cause skin irritation. Harmful if absorbed through the skin. Exposure may cause dermatitis and sensitization.

Ingestion: Harmful if swallowed. May cause irritation to the digestive tract.

Inhalation: Harmful if inhaled. May cause respiratory tract irritation. May cause irritation of the mucous membranes.

4. FIRST AID MEASURES:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin Contact: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. ****NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!**** Get medical attention immediately.

Notes to Physician: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES:

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Fire Extinguishing Media: Substance is noncombustible; use water spray, dry chemical, carbon dioxide, or appropriate foam.

Flash Point: Not applicable.

Auto-ignition Temperature: Not applicable.

Explosion Limits (Lower/Upper): Not available.

NFPA Rating: Health: 1; Flammability: 1; Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES:

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up and place into a suitable container for disposal. Avoid generating dusty conditions.

7. HANDLING AND STORAGE:

Handling: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Do not ingest or inhale.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Engineering Controls:

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

Exposure Limits

<u>Chemical Name</u>	<u>ACGIH</u>	<u>NIOSH</u>	<u>OSHA-Final PEL's</u>
Ponceau 2R	None listed	None listed	None listed

OSHA Vacated PELs: Ponceau 2R: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

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 regulation 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 AND CHEMICAL PROPERTIES:

Appearance: Dark red - Bordeaux crystalline powder.

Odor: None reported.

Specific Gravity/Density: Not available.

Solubility: Soluble.

pH: Not available.

Boiling Point: Not available.

Freezing/Melting Point: Not available.

Decomposition Temperature: No information found.

Vapor Density (Air=1): Not available.

Vapor Pressure (mm Hg): Not available.

Viscosity: Not available.

Evaporation Rate (BuAc=1): No information found.

10. STABILITY AND REACTIVITY:

Stability: Stable at room temperature and under ordinary conditions of use and storage.

Hazardous Decomposition Products: Carbon monoxide, oxides of nitrogen, oxides of sulfur, carbon dioxide.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizing agents.

Conditions to Avoid: Incompatible materials, strong oxidants.

11. TOXICOLOGICAL INFORMATION:

CAS# 3761-53-3: QJ6825000

LD50/LC50: CAS# 3761-53-3:

Oral, mouse: LD50 = > 6600 mg/kg

Oral, rat: LD50 = > 23160 mg/kg

Carcinogenicity: CAS# 3761-53-3;

OSHA: Possible select carcinogen.

Epidemiology: Inadequate evidence for carcinogenicity in humans according to IARC.

Teratogenicity: No information available.

Reproductive Effect: No data available.

Neurotoxicity: No data available.

Mutagenicity: Mutation in Microorganisms: Salmonella typhimurium = 100 ug/plate.

Other studies: No data available.

12. ECOLOGICAL INFORMATION:

Environmental Fate: No information available.

Environmental Toxicity: No data available.

13. DISPOSAL CONSIDERATIONS:

Chemical waste generator 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 classification.

RCRA P-Series: None listed

RCRA U-Series: None listed.

14. TRANSPORT REGULATIONS:

Not regulated.

15. REGULATORY INFORMATION:

US FEDERAL

TSCA CAS# 3761-53-3 is listed on the TSCA inventory. For Research & Development use only.

Health & Safety Reporting List None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules None of the chemicals in this product are under a Chemical Test Rule.

Section 12b None of the chemicals are listed under the TSCA Section 12b.

TSCA Significant New Use Rule None of the chemicals in this material have a SNUR under TSCA.

SARA

CERCLA Hazardous Substances and corresponding RQs None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances None of the chemicals in this product have a TPQ.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

STATE CAS# 3761-53-3 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

California No significant Risk Level: CAS# 3761-53-3: 200 aeg/day NSRL

EUROPEAN/INTERNATIONAL REGULATIONS

European Labeling in Accordance with EC Directives

Hazard Symbols: X N

Risk Phrases: R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases: S 36 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

WGK (Water Danger/Protection) CAS# 3761-53-3; No information available.

Canada - DSL/NDSL CAS # 3761-53-3 is listed on Canada's DSL List.

Canada- WHMIS This product has a WHMIS classification of D2A.

Canadian Ingredient Disclosure List CAS# 3761-53-3 is listed on the Canadian Ingredient Disclosure List.

Exposure Limits

16. DISCLAIMER INFORMATION:

DISCLAIMER:

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