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## MATERIAL SAFETY DATA SHEET (MSDS)

### XYLIDINE PONCEAU (FOR MICRSCOPY) (C. I. NO. 16255)

#### 1 - Chemical Product

MSDS Name:Ponceau 2R  
Synonym:Ponceau m

Cas NO:3761-53-3

Product Coad: X0218100025

#### 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name	content	EINECS#
3761-53-3	Ponceau mx	100.0	223-178-3

#### 3 - HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

May cause cancer.

Potential Health Effects

Eye:May cause eye irritation. This product contains an anionic dye.

Similar dyes have not caused injury to the cornea or conjunctiva in documented exposure cases with human or rabbit eyes.

Skin:May cause skin irritation.

Ingestion:May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

Inhalation:May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic:Prolonged or repeated skin contact may cause irritation. May cause cancer according to animal studies.

#### 4 - FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.

Ingestion: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 aid.

Inhalation:Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Notes to Physician:

#### 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.

Extinguishing Media:For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

#### 6 - ACCIDENTAL RELEASE MEASURES

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

Spills/Leaks:Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions.

#### 7 - HANDLING and STORAGE

Handling:Avoid prolonged or repeated contact with skin. Use with adequate ventilation.

Storage:Store in a tightly closed container. Store in a dry area.

#### 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:Use adequate ventilation to keep airborne concentrations low.

Exposure Limits CAS# 3761-53-3: 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 gloves to prevent skin exposure.

Clothing:Wear appropriate protective clothing to minimize contact with skin.

Respirators:Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

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**MATERIAL SAFETY DATA SHEET (MSDS)****XYLIDINE PONCEAU (FOR MICRSCOPY) (C. I. NO. 16255)****9 - PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: Solid  
Color: dark red-brown  
Odor: Not available.  
pH: Not available.  
Vapor Pressure: Not available.  
Viscosity: Not available.  
Boiling Point: Not available.  
Freezing/Melting Point: Not available.  
Autoignition Temperature: Not applicable.  
Flash Point: Not applicable.  
Explosion Limits, lower: Not available.  
Explosion Limits, upper: Not available.  
Decomposition Temperature: Not available.  
Solubility in water: Soluble in water.  
Specific Gravity/Density: Not available

**10 - STABILITY AND REACTIVITY**

Chemical Stability: Stable.  
Conditions to Avoid: Not available.  
Incompatibilities with Other Materials: No information found

Hazardous Decomposition Products: Irritating and toxic fumes and gases.  
Hazardous Polymerization: Has not been reported.

**11 - TOXICOLOGICAL INFORMATION**

RTECS#:  
CAS# 3761-53-3: QJ6825000 LD50/LC50:  
CAS# 3761-53-3: Oral, mouse: LD50 = >6600 mg/kg; Oral, rat: LD50 = 23160 mg/kg.  
Carcinogenicity:  
Ponceau mx - California: carcinogen, initial date 4/1/88 IARC: Group 2B carcinogen Other:  
See actual entry in RTECS for complete information.

**12 - ECOLOGICAL INFORMATION****13 - DISPOSAL CONSIDERATIONS**

Products which are considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local waste regulator for advice. Empty containers must be decontaminated before returning for recycling.

**14 - TRANSPORT INFORMATION**

Not Regulated

**15 - REGULATORY INFORMATION**

European/International Regulations  
European Labeling in Accordance with EC Directives  
Hazard Symbols: XN  
Risk Phrases:  
R 45 May cause cancer.  
Safety Phrases:

S 24/25 Avoid contact with skin and eyes.  
WGK (Water Danger/Protection)  
CAS# 3761-53-3: No information available.  
Canada  
CAS# 3761-53-3 is listed on Canada's DSL List.  
CAS# 3761-53-3 is listed on Canada's Ingredient Disclosure List.

**MATERIAL SAFETY DATA SHEET (MSDS)**

**XYLIDINE PONCEAU (FOR MICRSCOPY) (C. I. NO. 16255)**

US FEDERAL

TSCA  
CAS# 3761-53-3 is listed on the TSCA inventory.

**16. Other Information**

**Product Use:** Laboratory Reagent.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained 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 product.

**End of document**