



**Safety Data Sheet**  
**Ponceau De Xylidine 1%**

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**SECTION 1: Identification**

**GHS Product identifier**

Product name	Ponceau De Xylidine 1%
Product number	PONDEX1-100M, 500M
Brand	Hurstchem

**Other means of identification**

Disodium  
1-(2,4-dimethylphenylazo)-2-hydroxynaphthalene-3,6-disulphonate;  
4-(2,4-Dimethylphenylazo)-3-hydroxy-2,7-naphthalenedisulfonic acid, disodium salt;  
Acid Red 26; C.I. 16150; Ponceau G, R, 2R

**Recommended use of the chemical and restrictions on use**

Laboratory Reagent

**Supplier's details**

Name	Hurst Scientific
Address	2/36 Hensbrook Loop 6112 Forrestdale WA Australia
Telephone	1300 778 068
email	sales@hurstscientific.com.au

**Emergency phone number**

Australian Poisons Information Centre 131 126  
Australian Emergency Services 000

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**SECTION 2: Hazard identification**

**Classification of the substance or mixture**

**GHS classification in accordance with: UN GHS revision 7**

- Skin corrosion/irritation, Cat. 2
- Serious eye damage/eye irritation, Cat. 2A

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- Carcinogenicity, Cat. 2
- Specific target organ toxicity following single exposure, Cat. 3

### GHS label elements, including precautionary statements.

#### Pictograms



1. Health hazard; 2. Exclamation mark

#### Signal word

**Danger**

#### Hazard statement(s)

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer [route]

#### Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P264	Wash ... thoroughly after handling.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P332+P313	If skin irritation occurs: Get medical advice/attention.
P306+P360	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to ...

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## SECTION 3: Composition/information on ingredients

### Mixtures

#### 1. PONCEAU MX

Concentration	100 %
CAS no.	3761-53-3

#### 2. Water

Concentration	Balance
CAS no.	7732-18-5

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### SECTION 4: First-aid measures

#### Description of necessary first-aid measures

If inhaled	Remove from exposure, lie down. Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
In case of skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention.
In case of eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
If swallowed	clean mouth with water. Get medical attention.

#### Most important symptoms/effects, acute and delayed.

No information available.

#### Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

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### SECTION 5: Fire-fighting measures

#### Suitable extinguishing media

Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Chemical foam.

#### Specific hazards arising from the chemical.

Keep product and empty container away from heat and sources of ignition.

#### Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment, and emergency procedures

Ensure adequate ventilation. Use personal protective equipment as required.

#### Environmental precautions

See Section 12 for additional Ecological Information.

#### Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers for disposal.

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### SECTION 7: Handling and storage

#### Precautions for safe handling

Do not breathe dust. Do not get in eyes, on skin, or on clothing. Handle product only in closed system or provide appropriate exhaust ventilation.

#### Conditions for safe storage, including any incompatibilities.

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Keep in a dry, cool and well-ventilated place. Keep container tightly closed. Incompatible Materials. Strong oxidizing agents. Strong acids. Strong bases.

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## SECTION 8: Exposure controls/personal protection

### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

### Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations.

#### Skin protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

#### Respiratory protection

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 respirators when necessary.

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## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

Physical state	Liquid
Colour	Dark red
Odor	Odorless
Odor threshold	No information available
Melting point/freezing point	No information available
Boiling point or initial boiling point and boiling range	No information available
Flammability	No information available
Lower and upper explosion limit/flammability limit	No information available.
Flash point	No information available.
Auto-ignition temperature	No information available
Decomposition temperature	No information available
pH	No information available
Solubility	No information available
Vapor pressure	No information available
Evaporation rate	Not applicable
Density and/or relative density	No information available
Relative vapor density	Not applicable

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## SECTION 10: Stability and reactivity

### Reactivity

None known, based on information available.

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

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None under normal processing.

#### Conditions to avoid.

Incompatible products.

#### Incompatible materials

Strong oxidizing agents, Strong acids, Strong bases

#### Hazardous decomposition products

Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Sulphur oxides

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

No acute toxicity information is available for this product.

#### Skin corrosion/irritation

No information available

#### Serious eye damage/irritation

No information available

#### Respiratory or skin sensitization

No information available

#### Reproductive toxicity

No information available

#### Specific target organ toxicity (STOT) - single exposure.

Respiratory system

#### Specific target organ toxicity (STOT) - repeated exposure.

None known.

#### Aspiration hazard

No information available

### Additional information

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PONCEAU MX: \*TOXICITY:  
typ. dose mode specie amount units other  
LD50 ipr mus 2000 mg/kg

\*AQTX/TLM96: Not available

\*SAX TOXICITY EVALUATION:

THR: Not available

\*CARCINOGENICITY:

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### Tumorigenic Data:

TDLo: orl-mus 136 gm/kg/81W-C

TD : orl-mus 35 gm/kg/52W

Review: IARC Cancer Review: Animal Sufficient Evidence

IARC possible human carcinogen (Group 2B) [610]

### \*MUTATION DATA:

test lowest dose | test lowest dose

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mma-sat 100 ug/plate | sce-mus-ipr 63 mg/kg.

oms-esc 300 umol/L |

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## SECTION 12: Ecological information

### Toxicity

Do not empty into drains.

### Persistence and degradability

No information available

### Bioaccumulate potential

No information available

### Mobility in soil

No information available

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## SECTION 13: Disposal considerations

### Disposal methods

#### Product disposal

Dispose of in accordance with local authority guidelines.

#### Packaging disposal

Dispose of in accordance with local authority guidelines.

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## SECTION 14: Transport information

UN Number	None
UN Proper Shipping Name	None
Transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None
Transport in bulk according to IMO instruments	None

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## SECTION 15: Regulatory information

### Chemical Safety Assessment

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- Poison Schedule: Not scheduled.

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## SECTION 16: Other information

### Further information/disclaimer

This SDS is prepared in accordance with the Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, (2011). The information contained within is believed to be accurate at the date of preparation/review. Hurst Scientific makes no claims of the accuracy or completeness of the information and excludes all liability for any loss or damage. related to the supply or use of the information in this material safety data sheet. It is recommended the user make their own. determinations as to the suitability of the information provided to the application in which the product is to be used.  
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### Preparation information

#### References

1. Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, (2011).
2. Safe Work Australia, National Code of Practice for the Labelling of Workplace Hazardous Chemicals (2015).
3. Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants (2013)
4. National Transport Commission Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code); Can print: Canberra (2007), Volume 1, 7th Edition.
5. Standards Australia, Dangerous Goods Initial Emergency Response Guide: Australian Handbook (SAA/SNZ HB76); Homebush (2004).