



Safety Data Sheet

Ponceau De Xylidine 1%

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

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 ...

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.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Water spray. Carbon dioxide (CO 2). 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.

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.

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.

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.

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

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 (CO2), Sulphur oxides

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

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 |

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

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.

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

SECTION 15: Regulatory information

Chemical Safety Assessment

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- Poison Schedule: Not scheduled.

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).