

AUSTRALIAN CHEMICAL REAGENTS SAFETY DATA SHEET

Date Prepared: August 2022

Version No: 6

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Deionised Water

Product Code: 122301 Distilled Water, 1 Litre

Other Names: Nil

Uses: Analytical Reagent

Supplier: Australian Chemical Reagents

38-50 Bedford Street Gillman SA 5013

Contacts: Telephone: 61 08 84402000

Fax: 61 08 84402001

Emergency Phone: 61 08 84402000 Mon-Fri 8:30am - 5:00pm

2. HAZARDS INFORMATION

Hazard classification: Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:

Chemical Entity CAS No Proportion

Water [7732-18-5] 100%

4. FIRST AID MEASURES

Swallowed: None recommended.

Eye: None recommended.

Skin: None recommended.

Inhaled: None recommended.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Hazards From Combustion Products:

Precautions For Fire Fighters and Special Protective Equipment:

Fire fighters and others who may be exposed to combustion products during fire should wear full protective clothing including positive pressure self-contained breathing apparatus (SCBA). Wear SCBA with full face-piece, operated in positive pressure mode when fighting fires.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

Remove chemicals that can react with the spilled material.

Methods and materials for containment and clean up:

Use inert material such as sand or earth to contain spill or leak Absorb spills with chemical absorber or vermiculite and dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Ni

Conditions for Safe Storage:

Store sealed in original container in a cool well ventilated situation away from foods and other chemicals. Do not store in direct sunlight. Observe good hygiene and housekeeping practices.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards:

SWA - None known

Biological Limit Values: No data available.

Engineering Controls:

Not required with normal use.

Personal Protective Equipment (PPE):

Not required with normal use

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear liquid

Odour: Nil pH: 6-7

Boiling Point (0 C):

Freezing/melting Point:

Vapour Pressure (mm of Hg @ 25 0 C):

Not applicable

Not applicable

Not applicable

Not applicable

Specific Gravity:

Flash Point (⁰C):

Flammability Limits (%):

Not flammable

Not flammable

Solubility in Water (g/L): Soluble

10. STABILITY AND REACTIVITY

Chemical stability:

Stable.

Conditions to avoid:

Incompatible materials:

Nil

Hazardous decomposition products:

Refer to section 5 (Fire Fighting Measures).

Hazardous reactions:

Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Health Effects:

Swallowed: None known.

Eye: None known.

Skin: Not considered a hazard with normal laboratory use.

Inhaled: Not considered a hazard with normal laboratory use.

Chronic Effects: No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity:

No data available.

Persistence and degradability:

No data available.

Mobility:

No data available.

13. DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

UN Number: Not applicable

UN Proper Shipping Name: Not applicable **Class and subsidiary risk(s):** Not applicable

Packing Group: Not applicable Hazchem Code: Not applicable Special precautions for user: Nil

15. REGULATORY INFORMATION

Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP):

Nil

16. OTHER INFORMATION

Disclaimer:

All information given by the Company is offered in good faith and is believed to the best of our knowledge to be accurate. However this information is offered without warranty representation inducement or licence and the Company does not assume legal responsibility for reliance upon the same.

Every person dealing with the materials referred to herein does so at his or her own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.