

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION: PRODUCT IDENTIFIER/CHEMICAL IDENTITY

1.1 PRODUCT IDENTIFIER: Demineralised Water

1.2 PRODUCT CODE: DEWATER

1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:

RELEVANT IDENTIFIED USES: Water for radiators, irons and other end uses.

RESTRICTIONS ON USE: None known.

1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

SUPPLIER NAME: PENRITE OIL Company Pty Ltd (ABN: 25005 001 525),
ADDRESS (Australia): 110-116 Greens Road, Dandenong South VIC, Australia, 3175
TELEPHONE NUMBER (Australia): 1300 736 748; +61 3 8710 6600 (Int); Fax: 1800 736 748

ADDRESS (New Zealand): 75 Lady Ruby Drive, East Tamaki, Auckland, New Zealand, 2013

TELEPHONE NUMBER (New Zealand): 0800 533 698; Fax: 0800 533 698

E-MAIL: tech@penriteoil.com (Aust and NZ)

1.5 EMERGENCY TEL. NUMBER: Australia: 1300 736 748; New Zealand: 0800 533 698
(Poisons Information Centre (Aust 131 126; NZ 0800 764 766))

1.6 HSNO DETAILS:

HSNO APPROVAL NUMBER: Not Applicable.

HSNO GROUP TITLE: Not Applicable.

SECTION 2 – HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE HAZARDOUS CHEMICAL:

GHS CLASSIFICATION HAZARD

CLASS & CATEGORY: Under the Model Work Health and Safety Regulations, the product would not be classified as hazardous.

2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:

SIGNAL WORD: Not Applicable.

PICTOGRAMS: Not Applicable.

HAZARD STATEMENTS: Not Applicable.

PRECAUTIONARY STATEMENTS:

PREVENTION: Not Applicable.

RESPONSE: Not Applicable.

STORAGE: Not Applicable.

DISPOSAL: Not Applicable.

2.3 OTHER HAZARDS: Not Applicable.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	Concentration % W/W	GHS Classification*
Water	7732-18-5	100%	Not Applic

Not Applic = Not Applicable

*Please see Section 15 of this SDS for the full text description of the Label Elements.

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SECTION 4 – FIRST AID MEASURES

4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

INGESTION: No special first aid precautions are applicable.

EYE: No special first aid precautions are applicable.

SKIN CONTACT: No special first aid precautions are applicable.

INHALATION: No special first aid precautions are applicable.

PROTECTION FOR FIRST AIDERS: No special first aid precautions are applicable.

FIRST AID FACILITIES: Not Applicable.

4.2 MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED, CAUSED BY EXPOSURE:

ACUTE: Not Applicable.

CHRONIC: Not Applicable.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NECESSARY:

ADVICE TO DOCTOR: Not Applicable.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

SUITABLE MEDIA: Not Applicable.

UNSUITABLE MEDIA: Not Applicable

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

COMBUSTION HAZARDS: Non-combustible.

5.3 ADVICE FOR FIREFIGHTERS:

FIRE: Not Applicable.

HAZCHEM CODE: Not Applicable.

EXPLOSION: Not Applicable.

PROTECTIVE EQUIPMENT: Not Applicable.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PROTECTION: No special requirements.

CONTROL MEASURES: Stop the leak if still occurring. CAUTION: The spilled product will be slippery when spilled on many surfaces.

EMERGENCY PROCEDURES: Not Applicable.

6.2 ENVIRONMENTAL PRECAUTIONS:

SPILL ADVICE: Not Applicable.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

CONTAINMENT: Contain the spill to prevent secondary slip hazards.

CLEANING PROCEDURES: Once the spill has been contained, mop up liquid to stop secondary slip hazards.

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SECTION 7 – HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

7.1 PRECAUTIONS FOR SAFE HANDLING:

SAFE HANDLING: No special requirements.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

SAFE STORAGE: Store in a dry, well ventilated area away from direct sunlight. Do not freeze. Keep containers closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

INCOMPATIBILITIES: Caution should be shown when mixing water with strong acids and bases.

SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 EXPOSURE CONTROL MEASURES:

EXPOSURE LIMIT VALUES: No data available.

8.2 BIOLOGICAL

MONITORING: No data available.

8.3 CONTROL BANDING: No data available.

8.4 ENGINEERING CONTROLS:

ENGINEERING CONTROLS: Special ventilation is not normally required when using this product.

8.5 INDIVIDUAL PROTECTION MEASURES:

EYE & FACE PROTECTION: Not Applicable.

SKIN (HAND) PROTECTION: Not Applicable.

SKIN (CLOTHING) PROTECTION: Not Applicable.

RESPIRATORY PROTECTION: Not Applicable.

THERMAL PROTECTION: Not applicable

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Clear liquid.

ODOUR: Odourless.

ODOUR THRESHOLD: No data available.

pH: Not applicable.

MELTING/FREEZING POINT: Not applicable.

INITIAL BOILING POINT: Typically 100°C at 760mmHg.

BOILING RANGE (°C): Not applicable.

FLASHPOINT (°C): Not applicable.

EVAPORATION RATE: No data available.

FLAMMABILITY LIMITS (%): No data available.

VAPOUR PRESSURE (mmHg): No data available.

VAPOUR DENSITY: No data available.

DENSITY (g/mL @ 15°C): Typically 1.

SOLUBILITY IN WATER(g/L): Not applicable.

PARTITION COEFFICIENT: No data available for n-octanol/water.

AUTO-IGNITION TEMP (°C): No data available.

DECOMPOSITION TEMP (°C): No data available.

VISCOSITY (cSt @ 100°C): No data available.

VISCOSITY (cSt @ 40°C): No data available.

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SECTION 10 – STABILITY AND REACTIVITY

- 10.1 REACTIVITY:** The product does not pose any further reactivity hazards other than those listed in the following sub-sections.
- 10.2 CHEMICAL STABILITY:** Stable under conditions of use.
- 10.3 POSSIBILITY OF HAZARDOUS REACTIONS:** Caution should be taken to ensure that water does not mix with any other chemicals, such as strong acids or isocyanates that may produce a strong exothermic reaction.
- 10.4 CONDITIONS TO AVOID:** Not Applicable.
- 10.5 INCOMPATIBLE MATERIALS:** Strong acids and bases may lead to exothermic reactions as will isocyanates.
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS:** Not Applicable.

SECTION 11 – TOXICOLOGICAL INFORMATION

- 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:** No toxicity data is available.
- 11.2 SWALLOWED:** The product will not exhibit toxicity when consumed in normal quantities.
- 11.3 SKIN CORROSION/ IRRITATION:** This product is not expected to exhibit Dermal Corrosivity/Irritation based on the available data.
- 11.4 SERIOUS EYE DAMAGE/ IRRITATION:** This product is not expected to exhibit Eye Irritation or Serious Damage/ Corrosivity based on the available data.
- 11.5 RESPIRATORY OR SKIN SENSITISATION:** This product is not expected to be a skin or respiratory sensitiser based on the available data.
- 11.6 GERM CELL MUTAGENICITY:** This product is not expected to be mutagenic based on the available data.
- 11.7 CARCINOGENICITY:** This product is not expected to be a carcinogen based on the available data.
- 11.8 REPRODUCTIVE TOXICITY:** This product is not expected to be a reproductive hazard based on the available data.
- 11.9 SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE:** This product is not expected to cause organ damage from a single exposure, based on the available data.
- 11.10 SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE:** This product is not expected to cause organ damage from prolonged or repeated exposure based on the available data.
- 11.11 ASPIRATION HAZARD:** This product is not expected to be an aspiration hazard, based on the available data.
- 11.12 OTHER INFORMATION:** No additional information is available.

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SECTION 12 – ECOLOGICAL INFORMATION

12.1 ECOTOXICITY:	Not Applicable.
12.2 PERSISTENCE & DEGRADABILITY:	Not Applicable.
12.3 BIOACCUMULATIVE POTENTIAL:	Not Applicable.
12.4 MOBILITY IN SOIL:	Not Applicable.
12.5 OTHER ADVERSE EFFECTS:	Not Applicable.

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 DISPOSAL METHODS: PRODUCT:	All unused, waste or spilled product must be disposed of in a manner consistent with federal, state and local regulations.
CONTAINERS:	Empty containers should be drained and stored until reconditioned or disposed of. Empty drums should be taken for recycling or disposal through suitably licensed contractors in accordance with Government regulations.

SECTION 14 – TRANSPORT INFORMATION

This product is not regulated for land, sea or air transportation. (HS Code: 2853.00.99)

14.1 LAND (ADG Code): UN NUMBER:	Not Applicable
UN PROPER SHIPPING NAME:	Not Applicable
TRANSPORT HAZARD CLASS(ES):	Not Applicable
PACKAGING GROUP:	Not Applicable
ENVIRONMENTAL HAZARDS:	Not Applicable
SPECIAL PRECAUTIONS FOR USER:	Not Applicable
HAZCHEM CODE:	Not Applicable
14.2 SEA (IMDG): UN NUMBER:	Not Applicable
UN PROPER SHIPPING NAME:	Not Applicable
TRANSPORT HAZARD CLASS(ES):	Not Applicable
PACKAGING GROUP:	Not Applicable
ENVIRONMENTAL HAZARDS:	Not Applicable
SPECIAL PRECAUTIONS FOR USER:	Not Applicable
14.3 AIR (IATA): UN NUMBER:	Not Applicable
UN PROPER SHIPPING NAME:	Not Applicable
TRANSPORT HAZARD CLASS(ES):	Not Applicable
PACKAGING GROUP:	Not Applicable
ENVIRONMENTAL HAZARDS:	Not Applicable
SPECIAL PRECAUTIONS FOR USER:	Not Applicable

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SECTION 15 – REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS:

APPLICABLE REGULATIONS:

SUSMP: Not scheduled.
AICS: The ingredient is on the AICS List.
MONTREAL PROTOCOL: Not applicable to this product.
STOCKHOLM CONVENTION: Not applicable to this product.
ROTTERDAM CONVENTION: Not applicable to this product.
BASEL CONVENTION: Not applicable to this product.
INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS (MARPOL): Not applicable to this product.

OTHER REGULATORY INFORMATION:

GHS CLASSIFICATION HAZARD CLASS & CATEGORY

AND HAZARD STATEMENT: Not Applicable

HSNO APPROVAL NUMBER: Not Applicable

HSNO GROUP TITLE: Not Applicable

SECTION 16 – ANY OTHER RELEVANT INFORMATION

SDS INFORMATION:

Date of SDS Preparation: 20th March 2017

Revision: 0.0

REVISION CHANGES: Initial preparation of SDS.

ACRONYMS:

SUSMP Standard for the Uniform Scheduling of Medicines and Poisons
CAS Number Chemical Abstracts Service Registry Number
EINECS European Inventory of Existing Commercial Chemical Substances
UN Number United Nations Number
OSHA Occupational Safety and Health Administration
ACGIH American Conference of Governmental Industrial Hygienists
HSE-WEL Health and Safety Executive - Workplace Exposure Limit
EH40 EH40/2005 Workplace Exposure Limits
IMDG International Maritime Dangerous Goods
IATA International Air Transport Association
IUCLID International Uniform Chemical Information Database
RTECS Registry of Toxic Effects of Chemical Substances
%W/W Percent weight for weight
OECD Organisation for Economic Co-Operation and Development
ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail
HAZCHEM Code Emergency action code of numbers and letters which gives information to emergency services
NOHSC National Occupational Health and Safety Commission
NICNAS National Industrial Chemicals Notification & Assessment Scheme
IMAP Inventory Multi-Tiered Assessment and Prioritisation
AICS Australian Inventory of Chemical Substances
TWA Time-Weighted Average
STEL Short Term Exposure Limit
HSNO Hazardous Substances and New Organisms Act 1996
GHS Globally Harmonised System of Classification and Labelling of Chemicals
WHS Work Health and Safety
PPE Personal Protective Equipment.
LD₅₀ Median Lethal Dose
LC₅₀ Median Lethal Concentration
EC₅₀ Effective Concentration of a substance that causes 50% of the maximum response after exposure for a nominated time
NOAEL No Observed Adverse Effect Level
NOEC No Observed Effect Concentration
ECHA European Chemicals Agency
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

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SECTION 16 – ANY OTHER RELEVANT INFORMATION Continued

LITERATURE REFERENCES AND SOURCES OF DATA:

OECD Guidelines for Testing of Chemicals
Annex I: OECD Test Guidelines for Studies Included in SIDS
Manual for the Assessment of Chemicals Chapter 2 Data Gathering
International Toxicity Testing Guidelines
Hazardous Chemical Information System - Guidance Material for Hazard Classifications
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Model Work Health and Safety Regulations.
Model Work Health and Safety Regulations - Transitional Principles
Workplace Exposure Standards for Airborne Contaminants
Australian Dangerous Goods Code 7th Edition
Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]
Guidance on the Classification of Hazardous Chemicals under the WHS Regulations
Assigning a Hazardous Substance to a Group Standard
User Guide to the HSNO Thresholds and Classifications
Summary User Guide to the HSNO Thresholds and Classifications of Hazardous Substances
Correlation between GHS and New Zealand HSNO Hazard Classes and Categories
HSNO Control Regulations
Record of Group Standard Assignment
Labelling of Hazardous Substances Hazard and Precautionary Information
Thresholds and Classifications Under the Hazardous Substances and New Organisms Act 1996
Workplace Exposure Standards and Biological Exposure Indices

All information contained in this Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.