



DEMINERALISED WATER

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Section 1 – Identification

Product Identifier	
Product name	DEMINERALISED WATER
Chemical name	Not Applicable
Synonyms	Product code: UBDEMIN
Proper shipping name	Not Applicable
Chemical formula	Not Applicable
Other means of identification	Not Applicable
CAS number	Not Applicable

Recommended use of the chemical and restrictions on use	
Relevant identified uses	Purified 'soft' water.

Details of the manufacturer or importer	
Registered company name	Ecoclean Utility Agencies Pty Ltd
Address	26 Notar Drive, Ormeau, Queensland, Australia, 4208
Telephone	(07) 5549 3666
Website	www.ecocleanavantichem.com.au
Emergency phone number	Poisons Information Centre: Phone 13 11 26

Emergency Telephone Number	
Association / Organisation	Poisons Information Centre
Emergency telephone number	13 11 26
Other emergency telephone numbers	In an emergency telephone 000, for fire, police and ambulance.

Section 2 – Hazard(s) Identification

Classification of the substance or mixture	
Poisons Schedule	Not scheduled
GHS Classification	Not hazardous

Label elements	
GHS label pictograms	Not applicable



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Signal word	Not applicable
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Hazard statement(s)	
Hazard statement code	Not applicable

Precautionary statement(s): Prevention	
Precautionary statement code	Not applicable

Precautionary statement(s): Response	
Precautionary statement code	Not applicable

Precautionary statement(s): Storage	
Precautionary statement code	Not applicable

Precautionary statement(s): Disposal	
Not applicable	Not applicable

Section 3 – Composition and Information on Ingredients

Ingredient	CAS Name	Proportion
Water	7732-18-5	100%
NOTE:	Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) , 4th edition United Nations 2011. Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.	

Section 4 – First Aid Measures

Description of necessary first aid measures	
Eye Contact	None allocated.
Skin contact	None allocated.
Inhalation	None allocated.
Ingestion	None allocated.

Symptoms caused by exposure



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	No known symptoms.
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Medical attention and special treatment

	Treat symptomatically
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Section 5 – Fire Fighting Measures

Suitable extinguishing equipment / media

	<ul style="list-style-type: none"> • Use an extinguishing media suitable for surrounding fires. • Water spray or fog. • Foam. • Dry Chemical Powder • BCF (where allowed) • Carbon dioxide
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Special hazards arising from the chemical

Fire incompatibility	No known incompatibility.
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Special protective equipment and precautions for fire fighters

Fire Fighting	<ul style="list-style-type: none"> • Alert Fire Brigade and tell them the location and the nature of the hazard. • Wear full body protective clothing with breathing apparatus. • Prevent spillage from entering drains or watercourse. • Keep away from hot containers. • Cool hot containers with water spray.
Fire/Explosion Hazard	<ul style="list-style-type: none"> • Non-combustible • Not considered to be a considerable fire risk.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Minor spills	No special requirements.
Major spills	No special requirements.

Environmental precautions

	No special requirements.
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Methods and materials for containment and cleaning up

	Personal protective equipment advice is contained in Section 8 of the SDS
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Section 7 – Handling and Storage

Precautions for safe handling	
Safe handling	No special requirements.
Other information	No special requirements.

Conditions for safe storage, including any incompatibilities	
Suitable container	<ul style="list-style-type: none"> Plastic pail. Polyliner drum. Packaging as recommended by manufacturer.
Storage incompatibility	<ul style="list-style-type: none"> No known incompatibilities.


Section 8 – Exposure controls and personal protection

Control parameters	
Occupational Exposure Limits (OEL)	See Ingredients Data and Emergency Limits below.

Ingredients data						
Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Not available	Not available	Not available	Not available	Not available	Not available	Not available

Emergency limits				
Ingredient	Material name	TEEL 1	TEEL 2	TEEL 3
Not available	Not available	Not available	Not available	Not available

IDLH data		
Ingredient	Original IDLH	Revised IDLH
Not available	Not available	Not available

Exposure controls	
Appropriate engineering controls	No special requirements
Personal protection	



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	<ul style="list-style-type: none"> • Use good occupational work practice. • The use of protective clothing and equipment depends upon the degree and nature of exposure. • The following protective equipment should be available;
Eye and face protection	No special requirements.
Skin protection	No special requirements.
Hand protection	No special requirements.
Body protection	No special requirements.
Respiratory protection	No special requirements.
Other protection	No special requirements.
Thermal hazards	No special requirements.

Section 9 – Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance	Clear liquid

Physical state	Liquid	Relative density (Water = 1)	1.00 @ 25°C
Odour	Nil	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	6.0 – 8.0	Decomposition temperature	Not Available
pH (as a solution 1%)	Not Available	Viscosity (#4 Ford cup)	Not Available
Melting point / freezing point (°C)	Not Available	Molecular weight (g/mol)	Not Available
Initial boiling point and boiling range (°C)	100	Taste	Not Available
Flash point (°C)	Not Available	VOC g/L	Not Available
Evaporation rate	Not Available	Volatile Component (%Vol)	Not Available
Flammability	Not Available	Vapour density (Air = 1)	Not Available
Upper Explosive Limit (%)	Not Available	Solubility in water (g/L)	Soluble in water



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Lower Explosive Limit (%)	Not Available	Vapour pressure (kPa)	Not Available
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Section 10 – Stability and Reactivity

Section 10 – Stability and Reactivity	
Reactivity	See section 7
Chemical stability	<ul style="list-style-type: none"> • Considered stable under normal use and storage conditions • Hazardous Polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

Section 11 – Toxicological Information

Information on toxicological effects	
Inhaled	Not an inhalation hazard.
Ingestion	Not an ingestion hazard.
Skin contact	Not a known skin irritant.
Eyes	Not an eye irritant.
Chronic	No known effects.

Section 12 – Ecological Information

Aquatic Toxicity	
	Not harmful.

Persistence and degradability		
Ingredient	Persistence: Water/Soil	Persistence: Air
water	Biodegradable	Not Available

Bioaccumulative potential	
Ingredient	Bioaccumulation



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water	Not harmful
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Mobility in soil	
Ingredient	Mobility
water	Not harmful

Section 13 – Disposal considerations

Waste treatment methods	
Product and Packaging Disposal	Ensure any waste disposal conforms to local waste disposal regulations.

Section 14 – Transport Information

Labels Required	
Transport pictogram	Not applicable
Marine Pollutant	No
HAZCHEM	None Allocated

Land Transport (ADG)	
UN Number	Not applicable
Packing Group	Not applicable
UN Proper shipping name or Technical name	Not applicable
Environmental hazard	No relevant data
Transport hazard class(es)	Not applicable Not applicable
Special Precautions for user	Not applicable Not applicable
Additional information	Not Available

Section 15 – Regulatory Information

Health, safety and environment regulations	
Poisons Schedule	None Allocated



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Section 16 – Other Information

Issue Date	12 th December 2016
Version Number	1.0 GHS CLASSIFICATION
Abbreviations and acronyms	<ul style="list-style-type: none"> • ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail. • AICS: Australian Inventory of Chemical Substances. • CAS Number: Chemical Abstracts Service Registry Number. • GHS: Globally Harmonized System of Classification and Labelling of Chemicals • HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services. • HSIS: Hazardous Substances Information System • IARC: International Agency for Research on Cancer. • NOHSC: National Occupational Health and Safety Commission. • NTP: National Toxicology Program (USA). • SDS: Safety Data Sheet • STEL: Short Term Exposure Limit. • SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons. • TWA: Time Weighted Average. • UN Number: United Nations Number.
Literature references	<ul style="list-style-type: none"> • Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (December 2011 – Safe Work Australia) • GHS Hazardous Chemical Information List (September 2014 – Safe Work Australia) • Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012. Safe Work Australia. • Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition. • “Australian Exposure Standards” • List of Designated Hazardous Substances [NOHSC:10005(1999)] • Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition. • Standard for the Uniform Scheduling of Medicines and Poisons 2015. • Material Safety Data Sheets – individual raw materials – Suppliers. • Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)] • HSIS – Hazardous Substance Information System – National Worksafe Data Base. • LABELLING OF WORKPLACE HAZARDOUS CHEMICALS, Code of Practice, DEC 2011



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	<ul style="list-style-type: none">IMPLEMENTATION OF THE GLOBALLY HARMONISED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) APRIL 2012
Risk assessments	This SDS is a tool to communicate hazards which can assist you in creating relevant risk assessments for your workplace. There are many variables in determining whether a particular hazard is a risk in your workplace. Keep in mind this may be influenced by such things as the amount used, frequency of use, engineering controls, effectiveness of safety training and many more considerations.
Disclaimer	Safety Data Sheets are updated frequently. Please ensure that you have a current copy. This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact XO2 Pty Ltd. Our responsibility for products sold are subject to our standard terms and conditions. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used including good industrial hygiene.
Copyright	This document is copyright.
End of SDS	

Document Revision History

Revision Version #	Date	Reason for revision
1.0	12.12.2016	GHS format. Review by Tuwai Specialties. tuwai.wt@bigpond.com
3.0	01.11.2020	