

SDS Reference UN4477
Version No. 4
Revision Date 22/12/2015
Origination Date 29/08/2006

Safety Data Sheet

REVISION



Product Name DE-IONISED WATER

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name DE-IONISED WATER
Synonym (s) -
Product Use/s SOLVENT
Company Identification Universal Marking Systems Ltd
Unit 4, Dukess Mill
Station Approach Telephone 01420 565 800
Medstead, GU34 5EN
Emergency Telephone 01420 565 800
e-mail address info@ums.co.uk

2. HAZARDS IDENTIFICATION

Classification of mixture (Regulation (EC) No. 1272/2008 (CLP))

Not classified.

Label elements

Hazard pictogram(s) None
Signal word None
Hazard statements None
Precautionary statements None
Further information None
Other hazards None.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS-No	EINECS/ELINCS	Classification (Reg. EC 1272/2008)	Conc. %
-	-	-	-	-

Further Information: All components are low hazard.

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4. FIRST AID MEASURES

Inhalation First aid not normally required.
Skin contact First aid not normally required.
Eye contact First aid not normally required.
Ingestion First aid not normally required.
Further information -

5. FIRE FIGHTING MEASURES

General hazard THE PRODUCT IS NON-COMBUSTIBLE
Extinguishing media To suit local surroundings (e.g. water spray, carbon dioxide, foam, chemical powder)
Extinguishing media not to be used -
Special exposure hazards -
Protective equipment Wear protective equipment appropriate to the surrounding fire conditions.
Further information -

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up Mop up with a cloth.
Environmental considerations No environmental concerns.
Further information Spillages can make floors and walkways slippery.

7. HANDLING & STORAGE

Advice on safe handling -
Storage conditions Keep containers closed, cool and dry.
Further information -

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit values No Workplace Exposure Limits (WEL) assigned.
LTEL (8 hour TWA): - ppm - mg/m³
STEL (15min) - ppm - mg/m³
Engineering controls None required.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection	Observe normal standards for handling chemicals. Wear personal protective equipment appropriate to the task.
Eye protection	Not required.
Skin protection	Not required.
Respiratory protection	Not required.
Other personal protection	Not required..
Environmental exposure controls	No significant issues.
Further Information	Personal protective equipment should be selected as appropriate to the nature and aggressiveness of the identified hazard(s). It should be regularly inspected for such things as soundness against leaks, bad fitting and possible chemical penetration. Recommended safe user periods should never be exceeded.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Clear liquid
Colour	Colourless
Odour	Odourless
Molecular weight	18.02
Molecular formula	H ₂ O
pH	Approx. 7
Boiling pt / range	100°C
Melting pt / range	0°C
General Flammability	Non-combustible
Flash point	Non-combustible
Auto-ignition temperature	Non-combustible
Decomposition temperature	Not applicable
Relative Density	1
Explosive properties	Not explosive
Oxidising properties	Not oxidising
Vapour pressure	2.33 kPa @ 20°C
Vapour Density	0.62 (air = 1)
Relative Evaporation Rate (n-Butyl Acetate = 1)	Not available
Viscosity	Not available

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9. PHYSICAL & CHEMICAL PROPERTIES

Water solubility Completely miscible
Partition coefficient (log P or log K n-octanol / water) Not available
Additional information -

10. STABILITY & REACTIVITY

Stability Stable under normal conditions.
Conditions to avoid None.
Incompatible Materials Strong acids, strong bases, water reactive materials.
Hazardous decomposition products None.
Further information -

11. TOXICOLOGICAL INFORMATION

Acute toxicity Low hazard.
Acute irritation/corrosivity Not irritant or corrosive.
Sensitisation Not sensitising.
Repeat dose toxicity Low hazard.
CMR effects Low hazard.
Further information This product is low hazard. No significant health hazards.

12. ECOLOGICAL INFORMATION

Ecotoxicity -
Mobility -
Persistence and degradability -
Bioaccumulative potential -
Results of PBT assessment -
Other adverse effects This product is low hazard and will not cause environmental damage.

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13. DISPOSAL CONSIDERATIONS

Advice on disposal No specific advice. Can be released to drain.
Contaminated packaging Recycle if possible.
Further information -

14. TRANSPORT INFORMATION

United Nations number The product is not classified for transport
Proper shipping name -
Class -
Subsidiary risk/s -
Packing group -
Marine pollutant -
Emergency action code -
Hazard Identification Number -
Further information -

15. REGULATORY INFORMATION

Classification & labelling in accordance with EC Regulation No. 1272/2008

16. OTHER INFORMATION

Key to H statements in Section 3 None
Sources of data No specific sources.
Date of Revision 22/12/2015
Reason for revision Classification and labelling in compliance with EC Regulation No. 1272/2008 & other minor amendments
Sections revised 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

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