



SAFETY DATA SHEET 5L (AC) SUPER DEIONISED WATER

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name	5L (AC) SUPER DEIONISED WATER
Product No.	800-272-0008
Synonyms, Trade Names	SOFT WATER
Container Size	2 x 5 litres
REACH Registration Notes	This substance does not require registration to REACH.
CAS-No.	7732-18-5
EC No.	231-791-2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Lead-acid battery top-up. Automotive engine cooling systems.
Uses Advised Against	DO NOT use as drinking water.

1.3. Details of the supplier of the safety data sheet

Supplier:	COVENTRY CHEMICALS LTD WOODHAMS RD SISKIN DRIVE COVENTRY CV3 4FX +44 (0) 02476639739 +44 (0) 02476639717 sds@coventrychemicals.com
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1.4. Emergency telephone number

+44 (0) 1865407333

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC)	Not classified.
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2.2. Label elements

EC No.	231-791-2
Risk Phrases	
Safety Phrases	NC Not classified.
	NC Not classified.

2.3. Other hazards

This product does not contain any PBT or vPvB Substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

SOFT WATER	60-100%
CAS-No.: 7732-18-5	EC No.: 231-791-2
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.

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The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

REACH Registration Notes This substance does not require registration to REACH.

CAS-No. 7732-18-5

EC No. 231-791-2

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Information

No recommendation given.

Inhalation.

Not relevant.

Ingestion

Not relevant.

Skin Contact

Not relevant.

Eye Contact

Not relevant.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation.

Not hazardous.

Ingestion

Not hazardous.

Skin Contact

Not hazardous.

Eye Contact

Not hazardous.

4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous Combustion Products

No hazardous decomposition products.

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective Measures In Fire

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Collect and dispose of spillage as indicated in section 13. Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Run to drain.

6.4. Reference to other sections

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

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No specific usage precautions noted.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

No exposure limits noted for ingredient(s).

8.2. Exposure controls

Protective Equipment



Engineering Measures

No particular ventilation requirements.

Respiratory Equipment

Respiratory protection not required.

Hand Protection

Hand protection not required.

Eye Protection

Eye protection not normally required.

Other Protection

No special clothing required.

Hygiene Measures

When using do not eat, drink or smoke. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

Environmental Exposure Controls

Users should be aware of environmental considerations and their duties under the environmental protection act. Further information may be found on Government websites: www.dti.gov.uk/access/index/htm and www.envirowise.gov.uk.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Odourless
Solubility	Soluble in water.
Initial Boiling Point and Boiling Range:	
Not applicable.	
Melting Point (°C)	
Not applicable.	
Relative Density	1.00 @ 20°C
Bulk Density	
Not applicable.	
Vapour Density (Air=1)	
Not determined.	
Vapour Pressure	
Not determined.	
Evaporation Rate	
Not determined.	
Evaporation Factor	
Not applicable.	
pH-Value, Conc. Solution	7.0
Viscosity	
Not determined.	

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Solubility Value (G/100G H₂O@20°C)

Not applicable.

Decomposition Temperature (°C)

Not applicable.

Odour Threshold, Lower

Not applicable.

Odour Threshold, Upper

Not applicable.

Flash Point (°C)

Not applicable.

Auto Ignition Temperature (°C)

Not applicable.

Explosive Properties

Not applicable

Oxidising Properties

Not applicable.

Comments

Information given concerns the concentrated solution.

9.2. Other information

Not relevant.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not applicable.

10.4. Conditions to avoid

Sources of possible contamination.

10.5. Incompatible materials

Materials To Avoid

Water reactive material.

10.6. Hazardous decomposition products

No hazardous decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

General Information

This product has low toxicity. Only large volumes may have adverse impact on human health.

Ingestion.

No harmful effects expected in amounts likely to be ingested by accident.

Skin Contact

No specific health warnings noted.

Eye Contact

No specific health warnings noted.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

Degradability:

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

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Bioaccumulative Potential:

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

Not applicable.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General Information

Not an environmental hazard.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Packaging is recyclable.

SECTION 14: TRANSPORT INFORMATION

Road Transport Notes Not Classified

Rail Transport Notes Not classified.

Sea Transport Notes Not classified.

Air Transport Notes Not classified.

14.1. UN number

14.2 UN Proper shipping name

14.3 Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

15.2. Chemical Safety Assessment

A Chemical Safety Assessment is not required.

SECTION 16: OTHER INFORMATION

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date 21/06/2011

Revision 1

Supersedes Date 13/06/2011

Risk Phrases In Full

NC Not classified.

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Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.