

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
Version 3 Revision Date 16.03.2021

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

1.1. Product identifiers

Product name: Deionised water

ref: SHW6

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

Identified uses: Deionised Water

1.3. Details of the supplier of the safety data sheet

Silverhook Ltd
Unit 14 Bates Road
Harold Wood, London, England
RM3 0JH
Tel.: +44 (0) 1708330500
Fax.: +44 (0) 1708330504
Email: 522@silverhook.co.uk
Responsible person email: 522@silverhook.co.uk

1.4. Emergency telephone number

+44 (0) 1708330500 (during office hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2. Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Formula: H₂O H₂O

Molecular Weight: 18.02 g/mol

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

If inhaled

If not breathing give artificial respiration.

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

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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

No data available.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

No data available.

5.4. Further information

The product itself does not burn.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

No data available.

6.2. Environmental precautions

No data available.

6.3. Methods and materials for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece).

6.4. Reference to other sections

For disposal see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

No data available.

7.2. Conditions for safe storage, including any incompatibilities

No special storage conditions required.

7.3. Specific end uses

No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.

Personal protective equipment

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Immersion protection

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: > 480 min
Material tested: Dermatril®

Splash protection
Material: Nitrile rubber

Minimum layer thickness: 0.11 mm Break through time: > 30 min Material tested: Dermatril®

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 873000, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Respiratory protection

No special protective equipment required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Appearance	Form: liquid Colour: colourless
b) Odour	No data available.
c) Odour Threshold	No data available.
d) pH	6.0 - 8.0 at 25°C
e) Melting point/freezing point	0.0°C
f) Initial boiling point and boiling range	100°C - lit.
g) Flash point	Not applicable.
h) Evaporation rate	No data available.
i) Flammability (solid, gas)	No data available.
j) Upper/lower flammability or explosive limits	No data available.
k) Vapour pressure	No data available.
l) Vapour density	No data available.
m) Relative density	1.000 g/cm ³ at 3.98°C
n) Water solubility	completely miscible.
o) Partition coefficient: n-octanol/water	No data available.
p) Autoignition temperature	No data available.
q) Decomposition temperature	No data available.
r) Viscosity	No data available.
s) Explosive properties	No data available.
t) Oxidizing properties	No data available.

9.2. Other safety information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

No data available.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available.

Specific target organ toxicity - single exposure

No data available.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

No data available.

Potential health effects

Inhalation

May cause respiratory tract irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: ZC0110000

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No data available.

12.2. Persistence and degradability

Not applicable.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product

Taking into account local regulations the product may be disposed of as waste water after neutralisation.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

ADR/RID: -

IMDG: -

IATA: -

14.2. UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3. Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4. Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.5. Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6. Special precautions for user

No data available

SECTION 15: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available.

15.2. Chemical Safety Assessment

No data available.

SECTION 16: OTHER INFORMATION

Disclaimer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.