

# 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](mailto: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: H<sub>2</sub>O H<sub>2</sub>O

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<br>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 <sup>3</sup> 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.