

Reference Number :SDS25; Revision Date: 21/07/2017; Rev No: 01



PURIFIED WATER

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifiers

-Product Name : Purified Water
 -CAS-No : 7732-18-5

1.2. Identified uses / Uses advised against

-Identified uses : Laboratory chemicals, Manufacture of substances
 : -
-Uses advised against : - None

1.2. Manufacturer or supplier's details

-Company : MICRO-BIO (IRELAND) LTD.
 -Address : Industrial Estate, Fermoy, Co Cork, Ireland
 -Telephone : +3532531388
 -Fax : +3532532458
 -E-mail address : dobrien@micro-bio.ie

1.3. Emergency telephone number

-Emergency telephone number : +3532531388 (Available 24/7)

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms : Aqua Purificata

Formula : H2O H2O

Molecular Weight : 18.02 g/mol

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



5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

5.1.1. Suitable extinguishing media

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

5.2. Specific hazards arising from the substance or mixture

- no data available

5.2.1. Advice for firefighters

- no data available

5.4. Further information

The product itself does not burn

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.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

- No data available

7.2. Conditions for storage, including incompatibilities

No special storage conditions required.

7.3. Specific end uses

- No data available

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: 0.11mm

Break through time: > 480 min

Splash protection

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: > 30 min

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

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: Noctanol/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

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

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral – rat - >90,000 mg/kg

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

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

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.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

No data available

12.2.1. Persistence and degradability

Not applicable

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

