

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Identification of the substance: Water, purified by distillation or deionisation.

Use of the substance: Laboratory and industrial use.

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2. HAZARDS IDENTIFICATION

This product is classified as non-hazardous.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS Number	EC Number	Concentration	Hazard Class	Risk Phrase
Water	7732-18-5	231-791-2	100%	None Listed	None Listed

4. FIRST AID MEASURES

None needed.

5. FIRE-FIGHTING MEASURES

Material is not combustible.

Use extinguishing media appropriate to the surrounding fire conditions (water, foam, CO₂, or dry chemical).

6. ACCIDENTAL RELEASE MEASURES

No special measures needed. Can be sent to drains and watercourses.

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7. HANDLING AND STORAGE

Handling:

Storage: Store in containers appropriate to the end needs (glass, plastic, etc.)

Specific uses:

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit values: Not available.

Exposure controls: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

Appearance: Clear, colourless liquid

Odour: Odourless

Molecular Formula: H₂O

Molecular mass: 18.0 g/mole

Important properties:

pH: About 7

Density: 0.998 g/ml @ 20°C

Freezing Point: 0°C

Boiling Point: 100°C

10. STABILITY AND REACTIVITY

Conditions to avoid: The material must be stored at temperatures above about 0°C to avoid ice formation, which expands and bursts containers and pipes.

Materials to avoid: Reacts violently with some chemicals, such as sulfuric acid and alkali metals.

Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

Toxicity Data: Not found.

Inhalation: May cause drowning.

Skin Contact: No problem.

Eye Contact: No problem.

Ingestion: Large doses may be harmful due to blood imbalance.

[cont...]

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12. ECOLOGICAL INFORMATION

May be released to the environment.

13. DISPOSAL CONSIDERATIONS

Dispose via drains.

14. TRANSPORT INFORMATION

Not classed as hazardous for transportation.

15. REGULATORY INFORMATION

Not classed as hazardous for supply.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Legal disclaimer: The information contained in this SDS does not constitute a risk assessment, and should not replace the user's own assessment of risks as required by other health and safety legislation. This advice is given by Nexchem Ltd who accept no legal liability for it except otherwise provided by law. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.