



Corroy  
Ballina  
Co. Mayo  
Tel: 00353 96 38566  
Email: [sales@ultrapurelabs.ie](mailto:sales@ultrapurelabs.ie)

# Material Safety Data Sheet

## Purified Water

### Chemical Product and Company Identification

**Product Name:** Water, Purified

**Catalogue Codes:** SLP4732

**CAS#:** 7732-18-5

**RTECS:** ZC0110000

**TSCA:** TSCA 8(b) inventory: Water

**CI#:** Not available.

**Synonym:** Dihydrogen oxide

**Chemical Name:** Water

**Chemical Formula:** H<sub>2</sub>O

**Contact Information:**

Ultrapure Laboratories

Corroy, Ballina,

Co. Mayo.

Tel: 096 38566

### Composition and Information on Ingredients

**Composition:**

Name CAS # % by Weight

Water 7732-18-5 100

**Toxicological Data on Ingredients:** Not applicable.

### Hazards Identification

**Potential Acute Health Effects:**

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation.

Non-irritant for lungs. Non-sensitizer for lungs. Noncorrosive to the eyes. Non-corrosive for lungs.

**Potential Chronic Health Effects:**

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes.

Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs.

Non-sensitizer for lungs.

**CARCINOGENIC EFFECTS:** Not available.

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**MUTAGENIC EFFECTS:** Not available.

**TERATOGENIC EFFECTS:** Not available.

**DEVELOPMENTAL TOXICITY:** Not available.

### **First Aid Measures**

**Eye Contact:** Not applicable.

**Skin Contact:** Not applicable.

**Serious Skin Contact:** Not available.

**Inhalation:** Not applicable.

**Serious Inhalation:** Not available.

**Ingestion:** Not Applicable

**Serious Ingestion:** Not available.

### **Fire and Explosion Data**

**Flammability of the Product:** Non-flammable.

**Auto-Ignition Temperature:** Not applicable.

**Flash Points:** Not applicable.

**Flammable Limits:** Not applicable.

**Products of Combustion:** Not available.

**Fire Hazards in Presence of Various Substances:** Not applicable.

**Explosion Hazards in Presence of Various Substances:** Not Applicable

**Fire Fighting Media and Instructions:** Not applicable.

**Special Remarks on Fire Hazards:** Not available.

**Special Remarks on Explosion Hazards:** Not available.

### **Accidental Release Measures**

**Small Spill:** Mop up or absorb with an inert dry material and place in an appropriate waste disposal container.

**Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal.

### **Handling and Storage**

**Precautions:** No specific safety phrase has been found applicable for this product.

**Storage:** Not applicable.

### **Exposure Controls/Personal Protection**

**Engineering Controls:** Not Applicable

**Personal Protection:** Safety glasses. Lab coat.

**Personal Protection in Case of a Large Spill:** Not Applicable **Exposure**

**Limits:** Not available.

### **Physical and Chemical Properties**

**Physical state and appearance:** Liquid.

**Odour:** Odourless.

**Taste:** Not available.

**Molecular Weight:** 18.02 g/mole

**Colour:** Colourless.

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**pH (1% soln/water):** 5-7 **Boiling**

**Point:** 100°C (212°F) **Melting**

**Point:** Not available.

**Critical Temperature:** Not available.

**Specific Gravity:** 1 (Water = 1)

**Vapor Pressure:** 2.3 kPa (@ 20°C)

**Vapor Density:** 0.62 (Air = 1)

**Volatility:** Not available.

**Odour Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** Not applicable

**Solubility:** Not Applicable

## **Stability and Reactivity Data**

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Not available.

**Incompatibility with various substances:** Not available.

**Corrosivity:** Not available.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** Will not occur.

## **Toxicological Information**

**Routes of Entry:** Absorbed through skin. Eye contact.

**Toxicity to Animals:**

LD50: [Rat] - Route: oral; Dose: > 90 ml/kg LC50: Not available.

**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:**

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs.

Non-corrosive to the eyes. Noncorrosive for lungs.

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:** Not available.

## **Ecological Information**

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

**Special Remarks on the Products of Biodegradation:** Not available.

## **Disposal Considerations**

### **Waste Disposal:**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## **Transport Information**

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

## **Other Regulatory Information**

**Federal and State Regulations:** TSCA 8(b) inventory: Water

**Other Regulations:** EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

### **Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

### **DSCL (EEC):**

This product is not classified according to the EU regulations. Not applicable.

### **HMIS (U.S.A.):**

**Health Hazard:** 0

**Fire Hazard:** 0

**Reactivity:** 0

**Personal Protection:** a

**National Fire Protection Association (U.S.A.):**

**Health:** 0

**Flammability:** 0

**Reactivity:** 0

### **Protective Equipment:**

Not applicable. Lab coat. Not applicable. Safety glasses.