

# de-ionised water



## SAFETY DATA SHEET

According to ISO 11014

Original prep date: 15-10-2010

Last revision date: 12-08-2022

### Section 1: Chemical product and company information

**Trade name:** De-ionised Water

**Product details:** Pure water

**Manufacturer:** Industroclean (Pty) Ltd  
Corner Picaroon & Raft Street  
Laserpark  
Honeydew  
2040

**Emergency telephone number:** 27 11 801 4600

**Recommended uses:**

For applications where de-ionised water is required such as window cleaning and battery maintenance.

**Restrictions:** Not suitable for drinking.

### Section 2: Hazards identification

**Classification of the mixture:** Category 5

**Signal word:** Warning

**Hazard statements:** H303 – May be harmful if swallowed  
H313 – May be harmful in contact with skin  
H333 – May be harmful if inhaled

### Section 3: Composition / Information on ingredients

**Description:** Mixture

**Hazardous components:** None

### Section 4: First aid measures

**Inhalation:** P340: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P304+340: Call a poison centre or doctor/physician if you feel unwell.

**Skin contact:** P350: Gently wash with plenty of water.

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**Eye contact:** P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313: Get medical advice/attention.

**Ingestion:** P331: Do not induce vomiting. P312: Call a poison centre or doctor/physician if you feel unwell.

### Section 5: Fire-fighting measures

**Suitable extinguishing agents:** Water spray jet, extinguishing powder, CO<sub>2</sub>, foam.

**Unsuitable extinguishing agents:** None

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

### Section 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Particular danger of slipping on leaked/spilled product. Wear protective clothing (See section 8). Keep unprotected persons away. When selecting the protective suit, attention has to be paid to the complete and safe protection of skin and mucous membranes. Impermeable protective clothes, protective boots must be made of neoprene, complete face protection and nitrile-rubber gloves with long tops should be worn.

**Environmental precautions:** As the undiluted product is hazardous for the aquatic environment, it must be prevented from reaching surface water. Prevent from spreading (e.g. by enclosing with a ring of chemical absorbent). Inform authorities in case of contamination of water or sewage system.

**Methods and material for containment and cleaning up:** Collect large amounts in suitable container. Cover the rest with absorbent, mix intensively and collect mechanically.

### Section 7: Handling and storage

**Precautions for safe handling:** Provide good room ventilation or local exhaust ventilation at the workplace.

**Requirements to be met by storerooms and containers:** Ensure sufficient ventilation. Store only in the original container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

### Section 8: Exposure controls and personal protection

**Components with critical values that require monitoring in the workplace:** None

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### Section 9: Physical and chemical properties

Description	Result
Appearance	Liquid
Colour	Clear
Conductivity	$\leq 15 \mu \text{ s/cm}$
Total dissolved solids	$\leq 10 \text{ ppm}$
pH	5-8

### Section 10: Stability and reactivity

**Chemical stability:** No decomposition up to the boiling point. Under recommended storage conditions, this product is stable for up to 3 years.

**Reactions:** No dangerous reactions known.

**Incompatible materials:** None

### Section 11: Toxicological information

**Acute oral toxicity estimate:**  $<2000 \leq 5000$

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met.

**Reproductive toxicity:** Based on available data, the classification criteria are not met.

### Section 12: Ecological information

Environmental exposure of the product will vary depending on solution strength, application method and rate. The degree of dilution and dispersion and meteorological conditions as well as subsequent biodegrading of surfactants will affect exposure concentration and duration.

Quantitative activity relationships for aquatic toxicity and  $\log K_{ow}$  for predicting readily biodegradation are not yet sufficiently accurate to predict rapid degradation.

### Section 13: Disposal considerations

Taking into consideration the hazardous components and the dilution of this product at the strongest recommended dosage, this product can be safely disposed according to the local municipal, provincial or national regulations. Dispose of packaging in an approved receptacle or incinerator.

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### Section 14: Transport information

- Not required for identification and classification of dangerous goods for transport by rail and road modes.

### Section 15: Regulatory information

- OHSA Amendment Act 181 of 1993
- Regulations for Hazardous Chemical Agents, 2021
- National Environmental Management Act as Amended and Regulations
- Relevant South African National Standards
- Duty to Care
- Metropolitan Municipal Services By-Laws
- Globally Harmonized System
- Department of Employment & Labour (Competent Authority for SDS's in SA)

### Section 16: Other information

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks pertaining to the use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use of suitability of the product. Appropriate warning and safe handling procedures should be provided to handlers and users.

Data sheet prepared by: SHEQ Manager