



**VORTEX**  
PREMIUM SOLVENTS

## Safety Data Sheet

DI Water

Version 1.0

Issue Date 01.10.2023

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

*Product identifier* Deionised Wtaer

*Other Identifier* Battery water

*REACH Substance name* Not available

*REACH Registration Number* Not available

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

*Uses advised against* None

#### 1.3 Manufacturer or supplier's details

*Company Name* Nyundo Trading (Pty) Ltd

*Company Address* 5A Jig Rd  
Montague Gardens  
Cape Town  
South Africa  
7441

*Telephone* +27215102679

*E-mail address* info@vortexsolvents.com

#### 1.4 Emergency Phone Number

*Emergency telephone number* +27 (0)17 610 4444 (South Africa)  
0861 555 777 RSA-Local only



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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

### 2.2. Label elements

Hazard statements NC Not Classified

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once.

Ingestion Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

Skin contact Rinse with water.

Eye contact Get medical attention if irritation persists after washing.

### 4.2. Most important symptoms and effects, both acute and delayed

Inhalation May cause irritation.

Ingestion May cause irritation.

Skin contact May cause irritation.

Eye contact May cause irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media The product is not flammable.

### 5.2. Special hazards arising from the substance or mixture

### 5.3. Advice for firefighters



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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** No action shall be taken without appropriate training or involving any personal risk.

### 6.2. Environmental precautions

**Environmental precautions** The product is not expected to be hazardous to wastewater treatment processes.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Wipe up with an absorbent cloth and dispose of waste safely.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Read label before use.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in a cool and well-ventilated place.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### SODIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

### 8.2. Exposure controls

**Eye/face protection** No specific eye protection required during normal use.

**Hand protection** No specific requirements are anticipated under normal conditions of use.

**Respiratory protection** Respiratory protection not required.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties



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Appearance	Clear liquid.
Colour	Colourless.
Odour	Odourless.
pH	pH (concentrated solution): 6.0-9.0
Relative density 9.2.	1.000 @ 20°C

### Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.4. Conditions to avoid

**Conditions to avoid** None known.

### 10.5. Incompatible materials

**Materials to avoid** No specific requirements are anticipated under normal conditions of use.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

## SECTION 12: Ecological Information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.





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## 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

## 12.4. Mobility in soil

**Mobility** The product is soluble in water.

## 12.5. Results of PBT and vPvB assessment

## 12.6. Other adverse effects

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**General information** Waste packaging should be collected for reuse or recycling.

## **SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## **SECTION 15: Regulatory information**

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulations** Control of Substances Hazardous to Health Regulations 2002 (as amended).

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## **SECTION 16: Other information**

**Issued by** Health & Safety Officer

**Revision date** 01/06/2015

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Every reasonable endeavor has been made to prepare this Safety Data Sheet (SDS) in adherence to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The SDS exclusively furnishes details concerning the health, safety, and environmental risks as of the date of issuance. Its purpose is to aid in the secure reception, utilization, and handling of this product in work environments and does not supplant any product specifications or information.

As Nyundo and its affiliated entities cannot foresee or control all circumstances in which this product may be managed, used, or received in workplaces, it is the responsibility of each user, recipient, or handler to assess this SDS within the particular context in which the product will be received, managed, or used. Users, handlers, or recipients must guarantee that appropriate safety measures are established for health and safety. This does not eliminate the necessity for conducting relevant risk assessments as needed.

Furthermore, it is the responsibility of the recipient, handler, or user to communicate this information to all pertinent parties involved in the reception, use, or handling of this product. While all reasonable efforts have been made to compile this SDS, Nyundo does not explicitly guarantee the accuracy of the information contained herein or assume liability for incomplete data or any advice provided.

The transfer of risk to the purchaser occurs in accordance with the specific terms and conditions of sale when this product is sold.