

## SAFETY DATA SHEET

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

#### 1.1 Product identifier

Z-Water DAILY

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

Relevant identified uses: Cleaning of surfaces

Uses advised against: No known

#### 1.3 Details of the supplier of the safety data sheet

PT Professional

Nickelvägen 1

SE-371 50 Karlskrona

Sweden

+46 (0) 455-61 50 20

[info@ptprofessional.se](mailto:info@ptprofessional.se)

[ptprofessional.se](http://ptprofessional.se)

#### 1.4 Emergency telephone number

+46 (0) 455-61 50 20 (office hours)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

*EU Regulation 1272/2008*

Not classified

See section 16 for explanations to hazard statements

#### 2.2 Label elements

*EU Regulation 1272/2008*

*Supplemental Label elements*

EUH210 Safety data sheet available on request

*EU Regulation 648/2004*

No additional labelling.

#### 2.3 Other hazards

The product does not contain compounds classified PBT or vPvB.

The product does not contain compounds considered or suspected to have endocrine disrupting properties.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Compound	EC no	Reg. no	CAS no	Conc. %	Pictogram	Hazard statement <sup>1</sup>	Category
Potassium hydroxide	215-181-3	no info	1310-58-3	0.034	GHS07 GHS05	H302 H314	Acute Tox. 4 Skin Corr. 1A

1) See section 16 for explanations to Hazard statements

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### *Inhalation*

Fresh air.

#### *Skin contact*

Wash the skin with water.

#### *Eye contact*

Rinse the eyes with lukewarm water.

Remove contact lenses.

#### *Ingestion*

Drink water.

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

#### *Inhalation*

Not irritating.

#### *Skin contact*

Not irritating.

#### *Eye contact*

Eye exposure may cause a slight transient irritation.

#### *Ingestion*

May be mildly irritating in mouth and throat.

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

No available data.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

Choose extinguishing media dependent on what is on fire in the vicinity, CO<sub>2</sub>, dry chemicals, foam or water.

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

The product is not flammable.

### **5.3 Advice for firefighters**

None in particular.

## **SECTION 6: Accidental release measure**

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

Avoid contact with eyes.

### **6.2 Environmental precautions**

No special precautions.

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

Not relevant.

### **6.4 Reference to other sections**

See sections 8 and 13.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Avoid contact with skin and eyes.

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

Avoid direct sunlight.

Store in closed containers.

### **7.3 Specific end use(s)**

Cleaning of surfaces.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Workplace exposure limits Sweden (AFS 2023:14)

Compound	Long-term exposure limit (8h)	Short-term exposure limit (15 min)	Note
	mg/m <sup>3</sup> / ppm	mg/m <sup>3</sup> / ppm	
Potassium hydroxide - Inhalable fraction	1 / -	2 / -	The limit value is not considered relevant for a water solution of KOH.

### 8.2 Exposure controls

#### *Personal protection*

Respiratory protection – not normally required.

Protective gloves – not normally required.

Facial protection – not normally required. Avoid contact with eyes.

Protective clothing – not normally required.

Access to eye wash.

#### *Environmental exposure controls*

See section 13.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	clear liquid
Colour	colorless
Odour	no odour
pH (20°C)	10.8
Melting point	no information
Flash point	not flammable
Flammability	not flammable
Boiling point	100 °C
Ignition temp	no information
Density (at 20°C)	1.0
Viscosity	no information
Explosion limit	no information
Vapour pressure	no information

### 9.2 Other information

The product is soluble in water.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Not liable to react during normal handling- and storage conditions.

### 10.2 Chemical stability

Stable during normal handling- and storage conditions.

### 10.3 Possibility of hazardous reactions

No known.

### 10.4 Conditions to avoid

Temperatures below 0 °C and high temperatures.

### 10.5 Incompatible materials

No known.

### 10.6 Hazardous decomposition products

No known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Mixtures

The mixture has not been tested.

#### Assessment based on ingredients

	Acute effects	Chronic effects
<b>Inhalation</b>	No known	No known
<b>Skin contact</b>	No known	No known
<b>Eye contact</b>	May be mildly irritating.	No known
<b>Ingestion</b>	May be mildly irritating in mouth and throat	No known

#### Sensitisation

Not expected to produce an allergic reaction.

#### Repeated dose toxicity

Not expected to be toxic upon repeated exposure.

#### Carcinogenicity

Not expected to be carcinogenic.

### **Mutagenicity**

Not expected to be mutagenic.

### **Toxicity for reproduction**

Not expected to be toxic for reproduction.

### **Interactive effects**

No known.

Likely routes of exposure – skin.

## **11.2 Information on other hazards**

### **11.2.1 Endocrine disrupting properties**

The product does not contain compounds considered or suspected to have endocrine disrupting properties.

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### **Compound**

Potassium hydroxide

LC<sub>50</sub> Fish 96h: 80 mg/l Species: *Gambusia affinis*

#### **Mixture**

The product has not been tested.

Based on ingredients – the product is not toxic to the environment.

### **12.2 Persistence and degradability**

#### **Compound**

Potassium hydroxide

Ready biodegradable.

### **12.3 Bioaccumulative potential**

#### **Compound**

Potassium hydroxide

Log Pow: < 0

### **12.4 Mobility in soil**

The product is soluble in water and therefore considered mobile in soil.

### **12.5 Results of PBT and vPvB assessment**

The product does not contain compounds classified PBT or vPvB.

### **12.6 Endocrine disrupting properties**

The product does not contain compounds considered or suspected to have endocrine disrupting properties.

## 12.7 Other adverse effects

No known.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### *Discarded unused product*

Discarded unused product is NOT classified as hazardous waste according to EU Directive 2008/98/EC.

Could be poured into the drain.

Observe federal, state and local environmental regulations. Contact a licensed professional waste disposal service.

#### *Packaging*

Should be disposed of in accordance with national and local regulations.

## SECTION 14: Transport information

The product is NOT classified as dangerous goods according to ADR/RID/IMO/DGR.

### ADR/RID (road and railroad)

UN number

UN proper shipping name

Transport hazard class

Packing group

Classification code

Tunnel restriction code

Label

Limited quantities (LQ)

### IMO (maritime)

UN number

UN proper shipping name

Transport hazard class

Packing group

Flash point

EmS

Marine pollutant

### ICAO (air)

UN number

UN proper shipping name

Transport hazard class

Packing group

ICAO labels

### Environmental hazards

No.

### Special Precautions

None in particular.

### Bulk transport according to Annex II, Marpol 73/78 and IBC code

The product is not transported in bulk.

## SECTION 15: Regulatory information

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

ADR – European Agreement Concerning the International Carriage of Dangerous goods by Road.

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents

AFS 2023:14 - Arbetsmiljöverkets föreskrifter och allmänna råd om gränsvärden för luftvägsexponering i arbetsmiljön (*Occupational exposure limit values in Sweden*)

### 15.2 Chemical safety assessment

Chemical Safety Report is not available for the product.

## SECTION 16: Other information

### Indication of changes

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### Abbreviations

PBT            Persistent, Bioaccumulative, Toxic  
vPvB        very Persistent, very Bioaccumulative

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### Key literature

This Safety Data Sheet is based on information from the manufacturer and databases of hazardous substances (Chemical Substances)

ECHA CHEM - <https://chem.echa.europa.eu/>

### Classification and procedure used to derive the classification for mixtures

The classification of the product is based on classification of the components according to REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

### Manufacturer

PT Professional, Nickelvägen 1, 371 50 Karlskrona, Sweden  
Phone: +46(0)455 - 61 50 20

### Relevant hazard statements in section 3

H302 Harmful if swallowed  
H314 Causes severe skin burns and eye damage

### Advice on training

See section 8.

### Other

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This Safety Data Sheet has been produced by AdvocoTox AB, Sweden,  
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