

# Material Safety Data Sheet

In accordance with Regulation (EC) No 1272/2008 (CLP) &  
REACH Commission Regulation (EU) No 453/2010  
Compilation date : 08/04/15, issue 1

## 1. IDENTIFICATION OF THE PRODUCT AND SUPPLIER

<b>1.1 Product identifier</b>	Water Solutions Cleaner
<b>1.2 Use of Preparation</b>	Concentrated specialised biological preparation for cleaning and maintaining washrooms associated areas.
<b>1.3 Supplier details</b>	Water Solutions (GB) Ltd Howbury Technology Centre Parkside Works Thames Road Crayford Kent DA1 4RQ Phone: + 44 01322 553030 E-mail info@watersolution.com

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the mixture

**Classification according to the Regulation EC 1272/2008 (CLP)**

Warning: Serious Eye irritation category 2; H319

**Classification according to Directives 1999/45/EC and 67/548/EEC**

None

### 2.2 Label Elements

**Classification according to the Regulation EC 1272/2008 (CLP)**

Signal word: Warning

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Symbol:



## Hazard Statements

H319 Causes serious eye irritation

## Precautionary Statements

### General

P102: Keep out of reach of children.

### Prevention

P262: Do not get in eyes or on skin.

P264: Wash hands thoroughly after handling.

P280: Wear eye protection.

### Response

P305,P351,P338,P337,P313: IF IN EYES. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical attention.

## In compliance with directives 67/548/EEC, 1999/45/EC and their amendments

### Risk Phrases

None.

### Safety Phrases

S2 Keep out of the reach of children.

S24/25 Avoid contact with eyes and skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 2.3 Other hazards

Prolonged contact may cause minor degreasing of the skin.

Preparation is biodegradable and not classified as dangerous for the environment.

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## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Composition:

<b>Ingredient</b>	<b>Cas no.</b>	<b>EC No.</b>	<b>Conc</b>
Alcohol ethoxylate	68439-45-2	-	1-5%

#### Classification (EC 1272/2008)

Act tox. Cat 4: H302

Ser. Eye Dam. Cat 1: H318

#### Classification (67/548/EEC)

Xn; R22 R41.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### In the event of exposure by inhalation:

Remove victim to fresh air.

#### In the event of splashes or contact with the eyes:

Immediately flush eyes with plenty of water for at least 15 minutes and seek medical attention.

#### In the event of splashes or contact with the skin:

Wash affected area thoroughly with water.

#### In the event of swallowing:

Rinse mouth and throat with water and give sips of water to drink.

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

#### General information

The severity of the symptoms described will vary dependent of the concentration and the length of exposure.

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Inhalation.

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin contact

No specific symptoms noted.

Eye contact

In the event of direct contact may cause irritation, pain, redness and discomfort.

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

Treat symptomatically.

<b>5. FIRE FIGHTING MEASURES</b>
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### 5.1 Extinguishing media:

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### Suitable methods of extinction

Water, dry chemical or carbon dioxide.

### Unsuitable methods of extinction

None known.

### 5.2 Special hazards arising from the mixture

None known.

### 5.3 Advice for fire-fighters

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and procedures

No special protective clothing. (See Sec 8)

### 6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### 6.3 Methods and materials for containment and cleaning up

May be flushed to drains with plenty of water.

### 6.4 Reference to other sections

For personal protection, see section 8.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

No specific usage precautions noted.

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

Store at moderate temperatures in dry, well ventilated area. Keep in original container.

### 7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Usage Description

See Product Information Sheet & Label for detailed use of this product.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Ingredient comments

No exposure limits noted for ingredient(s).

### 8.2 Exposure controls

Engineering measures

Not relevant.

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## Personal protection measures, such as personal protective equipment

### Eye/face protection

Safety glasses recommended if prolonged contact with product concentrate is anticipated. Avoid contact with the eyes.

### Hand protection

Hand protection not required.

### Body protection

Not required.

### Respiratory protection

Respiratory protection not required.

### Other Protection

None required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### General information:

Physical state

Appearance	Liquid
Colour	Blue
Odour	Mint
Solubility	Soluble
pH	4-5
Specific gravity	1.003 g/cm <sup>3</sup>
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid , gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidising properties: No data available

**Important health, safety and environmental information:**

**9.2 Other information**

None.

<b>10. STABILITY AND REACTIVITY</b>
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**10.1 Reactivity**

No specific reactivity hazards associated with this product.

**10.2 Chemical stability**

No particular stability concerns.

**10.3 Possibility of hazardous reactions**

See sections 10.1, 10.4 & 10.5

**10.4 Conditions to avoid**

There are no known conditions that are likely to result in a hazardous situation.

**10.5 Incompatible materials**

No incompatible groups noted.

**10.6 Hazardous decomposition products**

No hazardous decomposition products.

<b>11. TOXICOLOGICAL</b>
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**11.1 Information on toxicological effects**

**Skin corrosion/skin irritation:**

Not anticipated under normal conditions of use.

**Serious damage to eyes/eye irritation:**

May cause serious eye irritation.

**Respiratory or skin sensitization:**

Not anticipated under normal conditions of use.

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

### Mixtures

### 12.2 Persistence and degradability

The preparation is readily biodegradable. The surfactant in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

### 12.3 Bio-accumulative potential

The product does not contain any substances expected to bio-accumulate.

### 12.4 Mobility in soil

This preparation is highly dispersible in water. It is highly likely to distribute predominantly to the aqueous environment.

### 12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

### 12.6 Other adverse effects

Not known.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product Waste:

Small amounts of unwanted product may be flushed with water to sewer. Larger volumes should be sent for disposal by an approved waste contractor.

#### Soiled packaging:

Rinse container and consign empty container to normal waste.



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## 14. TRANSPORT INFORMATION

General Not classified as hazardous for transport.

**14.1 UN Number** Not applicable/Non-hazardous

**14.2 UN proper shipping name** Not applicable/Non-hazardous

**14.3 Transport Hazard class(es)** Not applicable/Non-hazardous

Land

Inland Waterway Transport

Sea

Air

**14.4 Packing group** Not applicable/Non-hazardous

**14.5 Environmental hazards** Not classified as environmentally hazardous

**14.6 Special Precautions for user** None

## 15. REGULATORY INFORMATION

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

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010, and CLP Regulation (EC) No 1272/2008.

The product is classified under CLP Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Ingredients are listed with classification under both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & GHS/CLP Regulation (EC) No 1272/2008 classification, labelling & packaging of substances and mixtures.

### 15.2 Chemical safety assessment

Not applicable this product is a mixture.

## 16. OTHER INFORMATION

### Information Sources

Material Safety Data Sheets from multiple raw material manufacturers.

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CLP Classification - List of harmonised classification and labelling of hazardous substances. CHIP Classification - List of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

## Comments

Raw material (ingredient) hazard classifications are listed in both CHIP & CLP format.

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The Risk Phrases/Hazard Statements listed below relate to the raw materials (ingredients) in the product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this product refer to Section 2.

## Risk Phrases in Full

R22 Harmful if swallowed.  
R41 Risk of serious damage to eyes.

## Hazard Statements in Full

H302 Harmful if swallowed.  
H318 Causes serious eye damage.

## Legal disclaimer:

The information provided is to the best of our knowledge correct and accurate. However, all data instructions and suggestions should be used only for guidance purposes. This company shall not be held liable for any damage resulting from handling or contact with the above product.