

1. Identification of the substance/preparation and of the company/undertaking

1.1 Product Identifier Waterline Cleaner

1.2 Relevant Identified uses of the substance or mixture and uses advised against

Uses: Cleaner and Degreaser for Cartridge Filters in Swimming Pools, Spas and Hot Tubs

1.3 Details of the supplier of the safety data sheet

Company: Complete Pool Controls Ltd
Unit 2, The Park
Stoke Orchard
Bishops Cleeve
Gloucestershire
GL52 7RS

Telephone: +44 (0) 8712 229081

Fax: +44 (0) 8712 229083

E-mail: sales@cpc-chemicals.co.uk

1.4 Emergency Telephone

Tel: +44 (0) 8712 229081 (office hours) +44 (0) 1242 300271 (outside of office hours)

2. Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Hazard Class	Hazard Category	Target Organs	Hazard Statements
Eye Irritant	2		H319
Skin Irritant	2		H315

For the full text of the H statements mentioned in this section see Section 16.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Hazard Symbol/Category of danger	Risk phrases
Irritant	R36 / R41

For the full text of the R phrases mentioned in this section see Section 16.

Most important adverse effects

Human Health:	See section 11 for toxicological information.
Physical & Chemical Hazards:	See section 9 for toxicological information.
Potential environmental effects:	See section 12 for toxicological information.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols:



Signal word:

Warning

Hazard statements:

H315	Causes skin irritation
H319	Causes serious eye irritation

Precautionary statements:

P102	Keep out of reach of children
P262	Wear suitable gloves

Hazardous components which must be listed on the label

Ethylene glycolmonobutyl ether and Potassium Hydroxide

2.3 Other Hazards

No other information is available.

Trade Name: Waterline Cleaner

3. Composition/information on ingredients

3.1 Substances

Chemical nature: Liquid

Chemical Name	Identification Numbers	Amount %
	CAS-No.	
Fatty Alcohol Polythene Glycol Ether	68439-45-2	1- 10%
Ethylene Glycol Monobutyl Ether	111-76-2	1- 10%
Potassium Hydroxide Solution	1310-58-3	1- 10%
Tetrapotassium pyrophosphate	7320 - 34 - 5	1- 10%

4. First Aid measures

4.1 Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4.3 Indication of immediate medical attention and special treatment needed

Treatment: Eye bathing equipment should be available on the premises.

5. Fire fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use extinguishing methods suitable for surrounding conditions.

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

Specific Hazards during fire: In combustion emits toxic fumes

5.3 Advice for fire-fighters

Special protective equipment: Wear full protective clothing and self-contained breathing apparatus (SCBA). Do not inhale explosion or combustion gases.

Further Information: No further information available

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions:

Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing. Turn leaking containers leakerside up to prevent the escape of liquid.

6.2 Environmental precautions

Environmental precautions:

Do not allow product to reach sewage system or water bodies. Contain the spillage using bunds.

6.3 Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up.

Stop leak if possible without risk. Absorb vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources.

Further information

Treat recovered material as described in the section "Disposal considerations"

6.4 Reference to other sections

For personal protection see section 8

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:

Avoid direct contact with the substance. Use in a well ventilated area. Prevent formation of aerosols. Do not mix with other products in their concentrated

Hygiene measures:

Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage areas and Store in cool, well ventilated area. Keep container tightly closed.

Advice on protection against fire and No special measures required

7.2 Conditions for safe storage, including any incompatibilities.

Further information on storage conditions:

Keep container tightly closed. Keep container in a cool, well-ventilated area.

Advice on common storage:

Keep away from food, drink and animal feeding stuffs.

German storage class:

No information is available.

7.3 Specific end uses

Specific use(s)

No information is available.

8. Exposure control/personal protection**8.1 Control parameters**

Regulatory Basis: EU. Indicative Exposure and Directives relating to the protection of risks related to work exposure to chemical, physical and biological agents.

Component: **Ethylene Glycol Monobutyl Ether**

Cas No: **111 - 76 - 2**

Regulatory List: STEL
Value: 50ppm

Component: **Potassium Hydroxide**

Cas No: **1310 - 58 - 3**

Regulatory List: STEL
Value: 2 mg/m³

Regulatory List: LTEL
Value: 25ppm

8.2 Exposure controls**Engineering measures**

Refer to protective measures listed in sections 7 and 8.

General Information:

Use in a well ventilated area

Respiratory protection

Advice: In case of brief exposure or low pollution use respiratory filter device. In case of longer exposure use self-contained device.

Hand protection

Advice: Use rubber or other Impervious gloves

Eye protection

Advice: Chemical goggles

Skin and body protection

Advice: Wear appropriate clothing to prevent repeated or prolonged skin contact

Environmental exposure controls

General advice: Dispose of in accordance with all applicable local and national regulations,

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form: Liquid
 Colour: Blue
 Odour: characteristic
 Odour Threshold: Currently we do not have any information from our supplier about this.
 pH @ 20°C: 8.5 - 9.5
 Solidification point: Currently we do not have any information from our supplier about this.
 Boiling point/boiling range: Currently we do not have any information from our supplier about this.
 Melting Point: Undetermined
 Flash point: Currently we do not have any information from our supplier about this.
 Evaporation rate: Currently we do not have any information from our supplier about this.
 Flammability (solid, gas): Currently we do not have any information from our supplier about this.
 Vapour pressure: Currently we do not have any information from our supplier about this.
 Relative vapour density: Currently we do not have any information from our supplier about this.
 Density @ 20°C: 1.025 - 1.045
 Water solubility: Fully Miscible
 Explosive properties: Currently we do not have any information from our supplier about this.
 Oxidising properties: Currently we do not have any information from our supplier about this.

9.2 Other Information

Solvent content: Currently we do not have any information from our supplier about this.

Trade Name: Waterline Cleaner

10. Stability and reactivity

10.1 Reactivity

Advice: Stable if stored and applied as directed.

10.2 Chemical stability

Advice: No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions: Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Conditions to avoid Heat

10.5 Incompatible materials

Materials to avoid Strong Oxidising agents, Strong acids

10.6 Hazardous decomposition products

Hazardous decomposition products: In combustion emits toxic fumes.

11. Toxicological Information

11.1 Information on toxicological effects

Value type LD50
Value 273 mg/kg
Species Rat

Primary Irritant effect:

On the skin: Irritant skin and mucous membranes
On the eyes: Strong irritant with the danger of severe eye injury

Sensitization: No sensitizing effects known

Other relevant toxicity information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12. Ecological Information

12.1 Toxicity

Etoxicity value: Not applicable

12.2 Persistence and degradability

Remarks: Biodegradable

12.3 Bioaccumulative potential

Remarks: No bioaccumulative potential

12.4 Mobility in soil

Remarks: Readily absorbed into soil

12.5 Results of PBT and PvB

Remarks: This substance is not identified as a PBT

12.6 Other adverse effects

Remarks: Negligible etoxicity

13. Disposal Considerations**13.1 Waste treatment methods**

Product:	Disposal together with normal waste is not allowed. Special disposal is required according to local regulations. Do not let product enter drains. Contact waste disposal services.
Contaminated packaging:	Empty contaminated packaging thoroughly. They can be re-cycled after thorough and proper cleaning. Packaging that cannot be cleaned is to be disposed of in the same manner as the product
European Waste Catalogue No:	No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

14. Transport Information

14.1 UN Number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packaging Group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for this substance or mixture.**

Regulatory List	Notification	Notification No
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15.2 Chemical Safety Assessment

Currently we do not have any information from our supplier about this.

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R35	Causes severe burns
R36/38	Irritating to eyes and skin
R41	Risk of serious damage to eyes

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16. Other information

Full text of H-statements referred to under sections 2 and 3

- H302 Harmful if swallowed
- H312 Harmful in contact with skin
- H314 Causes severe skin burns and eye damage
- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H332 Harmful if inhaled

Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

This information is believed to be accurate and represents the best information currently available to us. However, we make no

• Abbreviations and acronyms:

- ADR: Accord europeen sur le transport des marchandises dangereuse par Route (European Agreement concerning the
- RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- IATA-DGR Dangerous goods Regulations by the 'International Air Transport Association' (IATA)
- ICAO: International Civil Aviation Organization
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- EINECS European Inventory of Existing Commercial Chemical Substances.
- CAS: Chemicals Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent

Revision	Date	By	Amendment
1	18/07/2012	Linda Brueford	Created