

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

- 1.1 Product Identifier** Filter Cleaner
- 1.2 Relevant Identified uses of the substance or mixture and uses advised against**
 Uses: To clean sand & cartridge filters
 Restrictions: At this time we do not yet have information on identified restrictions.
- 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	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.

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

2 - Butoxyethanol and Potassium Hydroxide

2.3 Other Hazards

No other information is available.

3. Composition/information on ingredients

3.1 Mixture

A mixture of the chemicals listed below with non-hazardous additions

Chemical nature:	Liquid			
Chemical Name	CAS-No.	EC-No.	%	CLP Classification
Non-ionic surfactant	68439-46-3	-	2.5 - 10%	H318
2 - Butoxyethanol	111-76-2	203-905 0	2.5 - 10%	H302; H312; H315; H319; H332
Tetrapotassium pyrophosphate	7320-34-5	230-785-7	≤2.5%	H315 : H319
Potassium Hydroxide	1310-58-3	215-181-3	≤2.5%	H302; H315; H319

4. First Aid measures**4.1 Description of first aid measures**

General Advice:	Take off all contaminated clothing immediately.
If inhaled:	Remove casualty to fresh air; consult a doctor if symptoms persist
In case of skin contact:	Wash off with plenty of water. Get professional medical attention if discomfort persists after washing.
In case of eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get immediate medical attention
If swallowed:	Clean mouth with water and drink afterwards plenty of water. DO NOT INDUCE VOMITING. Get immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	No further information available.
Effects:	No further information available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment	Treat Symptomatically.
-----------	------------------------

5. Fire fighting measures**5.1 Extinguishing media:**

Suitable media:	Use extinguishing methods suitable for surrounding conditions.
Unsuitable media:	No information available.

5.2 Special hazards arising from the substance or mixture

Specific Hazards :	Currently we do not have any information from our supplier about this.
--------------------	--

5.3 Advice for fire-fighters

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:	Use personal protective equipment. Provide adequate ventilation. Avoid contact with skin and eyes.
-----------------------	---

6.2 Environmental precautions

Environmental precautions: Do not allow product to reach sewage system or water bodies.

6.3 Methods and materials for containment and cleaning up

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

Trade Name: Filter Cleaner

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Use in a well ventilated area. Prevent formation of aerosols. Do not mix with other products in their concentrated form.

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.

Storage areas : Store in original container

Fire and explosion: No special measures required

7.2 Conditions for safe storage, including any incompatibilities.

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

Common storage: Store away from oxidising agents

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.

	STEL	LTEL
2 - Butoxyethanol	50ppm	25ppm
Potassium Hydroxide	2 mg/m ³	-

8.2 Exposure controls

Engineering measures Use local exhaust ventilation to minimize dust and chlorine level where industrial use occurs. Otherwise ensure good general ventilation.

Personal protective equipment

Respiratory protection In case of inadequate ventilation wear respiratory protection

Hand protection Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Eye protection Wear safety goggles approved to standard EN 166.

Skin and body protection 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: Clear

Odour: Mild

pH @ 20°C: 8.5 - 9.5

Boiling point/boiling range: 100°C

Melting Point: ed

Flash point: Not applicable

Explosion limit: Product does not present an explosion hazard

Vapour pressure: 23.0 hPa

Relative vapour density: 1.034g/cm³

Water solubility: Fully

Ignition temperature: >250°C

Explosive properties: Product is not explosive.

9.2 Other Information

Solvent content 5.80%

Trade Name: Filter Cleaner

10. Stability and reactivity

10.1 Reactivity

Reactivity No information available

10.2 Chemical stability

Chemical stability No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

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

10.4 Conditions to avoid

Conditions to avoid Stable under normal use and storage conditions

10.5 Incompatible materials

Materials to avoid Strong Oxidising agents

10.6 Hazardous decomposition products

Haz. decomp. products: Carbon Monoxide, carbon dioxide, Nitrogen oxides

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

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: Irritant

12. Ecological Information

12.1 Toxicity

Toxicity No information available

12.2 Persistence and degradability

Persistence and degradability No information available

12.3 Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is not expected

12.4 Mobility in soil

Mobility in soil soluble in water, predicted to have high mobility in soil.

12.5 Results of PBT and PvB :

PBT and PvB : No information available

12.6 Other adverse effects

Water hazard class 1 (German regulation)(Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground waters, water course or sewage systems.

Trade Name: Filter Cleaner

13. Disposal Considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not reuse empty containers without commercial cleaning or reconditioning
- Do not discharge into drains or the environment ,dispose to an authorised waste collection point

Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority

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.

15.2 Chemical Safety Assessment

No information available

16. Other information

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

H315 Causes skin irritation

H319 Causes serious eye irritation

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 warranty or merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from use of this information Users should make their own investigations to determine the suitability of the information for their particular needs and uses.

REV 4

Indicates updated section.