

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

1.1 Product Identifier Spafresh 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 uses.

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

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

2 - Butoxyethanol and Potassium Hydroxide

2.3 Other Hazards

No other information is available.

Trade Name: Spafresh Filter Cleaner

3. Composition/information on ingredients

3.1 Mixture

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

Chemical nature: Liquid

Chemical Name	Identification Numbers			Amount %
	CAS-No.	EC-No.	Index No	
Non-ionic surfactant	68439 - 46 - 3			2.5 - 10%
2 - Butoxyethanol	111 - 76 - 2	203 - 905 - 0		2.5 - 10%
Tetrapotassium pyrophosphate	7320 - 34 - 5	230 - 785 - 7		≤2.5%
Potassium Hydroxide	1310 - 58 - 3	215 - 181 - 3		≤2.5%

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

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: 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

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: 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.

Requirements for storage areas and containers: Store in original container

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: 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.

Component: **2 - Butoxyethanol**

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. Exposure control/personal protection**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:	Clear
Odour:	Mild
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:	100°C
Melting Point	Undetermined
Flash point:	Not applicable
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.
Upper explosion limit:	Product does not present an explosion hazard
Lower explosion limit:	Product does not present an explosion hazard
Vapour pressure:	23.0 hPa
Relative vapour density:	1.034g/cm ³
Density @ 20°C:	Currently we do not have any information from our supplier about this.
Water solubility:	Fully Miscible
Partition coefficient:n-octanol/water:	Currently we do not have any information from our supplier about this.
Ignition temperature:	>250°C
Thermal decomposition:	Currently we do not have any information from our supplier about this.
Viscosity, kinematic:	Currently we do not have any information from our supplier about this.
Explosive properties:	Product is not explosive.
Oxidising properties:	Currently we do not have any information from our supplier about this.

9.2 Other Information

Solvent content	5.80%
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10. Stability and reactivity

10.1 Reactivity

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

10.2 Chemical stability

Advice: 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

Hazardous decomposition 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

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

12.2 Persistence and degradability

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

12.3 Bioaccumulative potential

Remarks: Product is not expected to bioaccumulate.

12.4 Mobility in soil

Remarks: soluble in water, predicted to have high mobility in soil.

12.5 Results of PBT and PvB assessment

Remarks: No data available

12.6 Other adverse effects

Remarks: 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.

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.

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
R41 Risk of serious damage to eyes

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.

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16. Other information**• 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	08/03/2007	Linda Brueford	Created
2	27/11/08	Linda Brueford	Sections 2 & 3 Swapped & other minor editorial amendments
3	27/03/12	Linda Brueford	Updated to latest legislation and other minor editorial amendments