

Spa Rapid Filter Kleen

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

1.1 Product Identifier Spa Rapid Filter Kleen

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) 3712 229084 (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.

Most important adverse effects

Human Health: See section 11 for toxicological information
Physical & Chemical Hazards: See section 9 for physicochemical information
Potential environmental effects: See section 12 for environmental 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
P402 Store in a dry place.
P101 If medical advice is needed, have product container or label at hand
P280: Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+ 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P303+P36+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water

Hazardous components which must be listed on the label

Ethylene glycolmonobutyl ether and Potassium Hydroxide

3. Composition/information on ingredients**3.2 Mixture**

A mixture of the chemicals listed below with non hazardous additions

Chemical Name	CAS-No.	EC No	%	CLP Phrases
Fatty Alcohol Polythene Glycol Ether	68439-45-2		1- 10%	H315,H319,R36/38
Ethylene Glycol Monobutyl Ether	111-76-2	203-905-0	1- 10%	H332,H312,H302,H319,H315,
Potassium Hydroxide Solution	1310-58-3	215-181-3	1- 10%	H302,H314,R22,R35
Tetrapotassium pyrophosphate	7320-34-5	230-785-7	1- 10%	H319,R36

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.

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 leak side 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

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 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 and containers: Store in cool, well ventilated area. Keep container tightly closed.

Fire and explosion: No special measures required

7.3 Specific end uses

No information is available.

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

Name	CAS No	List	Value
Ethylene Glycol Monobutyl Ether	111- 76- 2	STEL	50ppm
			246 mg/m ³
		LTEL	25ppm
			123 mg/m ³
Potassium Hydroxide	1310- 58-3	STEL	2 mg/m ³

8.2 Exposure controls

Engineering measures Refer to protective measures listed in sections 7 and 8.

General Information:

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

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 glasses approved to standard EN 166. Provide eye station

Skin and body protection

Wear apron or other light protective clothing

Environmental exposure controls

General advice:

Always follow good hygiene/work practices by avoiding vapours or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

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

Form:	Liquid
Colour:	Blue
Odour:	characteristic
pH @ 20°C:	8.5 - 9.5
Boiling point/boiling range:	Not known
Melting Point	Not known
Flash point:	Not applicable
Vapour pressure:	Not known
Specific gravity	1.025 - 1.045 g/cm ³
Water solubility:	Fully Miscible
Explosive properties:	Non explosive
Viscosity	Not applicable

9.2 Other Information No further information available

10. Stability and reactivity**10.1 Reactivity**

Reactivity Stable under recommended transport or storage conditions

10.2 Chemical stability

Chemical stability 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 No information available

10.6 Hazardous decomposition products

Haz.decomp. products: No information available

11. Toxicological Information**11.1 Information on toxicological effects**

Value type	Value	Species
LD50	273mg/kg	Rat

Primary Irritant effect

If inhaled: May cause respiratory tract irritation & coughing

On the skin: Causes redness and irritation

On the eye: Causes severe irritation, pain and redness. Can cause damage to the eyes

If Ingested: Can cause soreness and redness of the mouth and throat.

Carcinogenic There is no evidence that this substance has any carcinogenic properties.

Mutagenic No information available

Sensitization: No sensitizing effects known

Teratogenicity No information available

Other relevant information: The ingestion of significant quantities may cause nausea/vomiting

12. Ecological Information**12.1 Toxicity**

Toxicity No information available

12.2 Persistence and degradability

Persistence and degradability Biodegradable

12.3 Bioaccumulative potential

Bioaccumulative potential No bioaccumulation potential

12.4 Mobility in soil

Mobility in soil High mobility in soil

12.5 Results of PBT and PvB assessment

PBT and PvB Not a PBT according to REACH Annex XIII

12.6 Other adverse effects

No further information available

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

Clean up even minor leaks or spills if possible without unnecessary risk

14.6 Special precautions for user

No further information available

14.7 Transport in bulk according to AnnexII of MARPOL 73/78 & the IBC Code

Not applicable

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

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the mixture by the supplier

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 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.

Abbreviations and acronyms:

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

█ Indicates updated section.