

Powder Filter Cleaner

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

1.1 Product Identifier Powder Filter Cleaner

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

Uses: Disinfection of Swimming Pool Water

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

Skin Corrosion 1B H314
Aquatic Toxicity 1 H411

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: Danger

Hazard statements: H314 Causes severe skin burns and eye damage
H411 Very toxic to aquatic life with long lasting effects

Prevention P260: Do not breathe vapours
P273: Avoid release to the environment
P280: Wear protective gloves/protective clothing/eye protection/face protection

Hazardous components which must be listed on the label

Label Components Sodium Hydroxide and Sodium Metasilicate

2.3 Other Hazards No other information is available

3. Composition/information on ingredients

3.2 Mixtures

CAS No:	EC No:	Index No:	%	CLP Classification
Sodium Hydroxide				
1310-73-2	215-185-5	011-002-00-6	10 - 25%	Skin Corr. 1A H314
Sodium meta-Silicate, Pentahydrate				
10213-79-3	229-912-9	014-010-00-8	10 - 25%	Met Corr.1 H290; Skin Corr 1B H314; STOT SE3 H335
sodium carbonate				
497-19-8	207-838-8	011-005-00-2	10 - 25%	Eye Irrit. 2 H319
sodium dichloroisocyanurate, dihydrate				
51580-86-0	220-767-7	613-030-01-7	2.5-10%	Acute Tox 4* H302; Eye Irrit. 2 H319;STOT SE.3 H335;Aquatic Acute 1 H400; Aquatic Chronic 1 H410

Contains: Mixture of listed substances with non hazardous additions.

4. First Aid measures

4.1 Description of first aid measures

- General Advice:** Take of all contaminated clothing immediately
- If Inhaled:** In case of accident by inhalation; remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
- In case of skin contact:** Wash off immediately with plenty of soap & water. If irritation appears seek medical advice
- In case of eye contact:** Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.
- If swallowed:** Clean mouth with water and drink plenty of water. Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting - seek medical advice. If a person vomits when lying on his back place him in the recovery position.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms & effects: No further information available

4.3 Indication of immediate medical attention and special treatment needed

Treatment: Treat symptomatically
 Effects: No further information available

5. Fire fighting measures

5.1 Extinguishing media:

Suitable media: CO₂, powder or water spray. Fight larger fires with water spray / alcohol resistant
Unsuitable media: Water with full jet

5.2 Special hazards arising from the substance or mixture

Specific Hazards : Nitrogen Oxides (Nox) ; Carbon monoxide (CO) ; Hydrogen chloride (HCl)

5.3 Advice for fire-fighters

Protective equipment: In the event of fire, wear self-contained breathing apparatus.
Wear appropriate body protection (full protective suit).

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Avoid formation of dust
Wear protective equipment. Avoid contact with skin and eyes

6.2 Environmental precautions

Environmental precautions: In case of seepage into the ground inform responsible authorities
Do not allow to enter sewers / surface or ground water

6.3 Methods and materials for containment and cleaning up

Cleaning up: Pick up mechanically. Use neutralizing agent. Dispose of contaminated material as

6.4 Reference to other sections

Other sections: For safe handling see section 7
For personal protection see section 8
For disposal information see section 13

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Thorough dedusting, Prevent formation of dust

Hygiene measures:

Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of the work day. Take off all contaminated clothing immediately. Provide adequate ventilation. Avoid contact with the skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities.

Storage areas : No special measures required
Fire and explosion: No special measures required
Further information: No further information available
Common storage: Store away from oxidising agents
Storage Temperature: Cool & Dry

7.3 Specific end uses

Specific use(s) No information available

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

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

Basis	Type	Value	Type	Value
sodium hydroxide - 1210-73-2				
EH40 WEL	STEL	0.02	mg/m ³	
sodium dichloroisocyanurate, dihydrate - 51580-86-0				
EULEV	STEL	0.07	mg/m ³	LEV 0.02 mg/m ³

Comment: Short Term Exposure (STEL)
Long Term Exposure (LEV)

8.2 Exposure controls**Engineering measures**

Refer to protective measures listed in sections 7 and 8

8.2 Personal protective equipment

Respiratory protection Low exposure: Respiratory filter device
 Intensive exposure: Self contained respiratory protective device

Hand protection Use protective gloves

Eye protection Wear safety goggles approved to standard EN 166.

Skin and body protection: Protective clothing

Environmental exposure controls

General advice: Do not flush into surface water or sanitary sewer systems
 Avoid subsoil penetration

If the product contaminates rivers and lakes or drains inform respective authorities.
If the product reaches soil inform respective authorities.

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

Form: Solid
Colour: Colourless
Odour: Characteristic

pH @ 20°C: No information available
Melting point: Undetermined
Boiling point: 1390 ° C
Flash point: not applicable
Upper explosion limit: not applicable
Lower explosion limit: not applicable
Density @ 20°C: Not determined
Water solubility: Completely soluble
Ignition temperature: 250 ° C
Explosive properties: Product does not present an explosion hazard

9.2 Other Information No further information available

10. Stability and reactivity

- 10.1 Reactivity**
Reactivity Stable under normal use and storage conditions
- 10.2 Chemical stability**
Chemical stability No decomposition if stored and applied as directed
- 10.3 Hazardous reactions:**
Hazardous reactions: None reasonably foreseeable
- 10.4 Conditions to avoid**
Conditions to avoid High temperature. Poor ventilation. Contamination
- 10.5 Materials to avoid**
Materials to avoid Acids
- 10.6 Hazardous decomposition products**
Haz. Decomp. Products Chlorine

11. Toxilogical Information

11.1 Information on toxilogical effects

sodium hydroxide			
Value type	Species	Value	
LD50	Rat	2,000	mg/kg
sodium dichloroisocyanurate, dihydrate			
LD50	Rat	1,400	mg/kg

Primary irritant effect:

- on the skin:** Strong caustic effect on skin and mucous membranes
- on the eye:** Strong caustic effect

Sensitization: No sensitizing effects known.

Further Information:

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of the esophagus and stomach
Handle in accordance with good industrial hygiene and safety practise.

12. Ecological Information

- 12.1 Toxicity**
Toxicity Toxic for fish
- 12.2 Persistence and degradability**
Persistence and degradability: No information available
- 12.3 Bioaccumulative potential**
Bioaccumulative potential No information available
- 12.4 Mobility in soil**
Mobility in soil No information available

Trade Name: Powder Filter Cleaner

12. Ecological Information

12.5 Results of PBT and PvB assessment

Remarks: No information available

12.6 Other adverse effects

Remarks: Water hazard class 2 (German regulation)(Self-assessment): hazardous for water.
Danger to drinking water even if small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies
Toxic for aquatic organisms

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** UN3262
- 14.2 UN proper shipping name** Corrosive solid, basic, inorganic, n.o.s.(Sodium Hydroxide Solid)
- 14.3 Transport hazard class(es)**
- | | |
|---------------------|------|
| Class | 8 |
| Classification Code | M6 |
| Hazard label | 9 |
| Transport Category | 3 |
| Tunnel | E |
| LQ | 1 kg |
- 14.4 Packaging Group** II
- 14.5 Environmental hazards** Classified as environmentally hazardous:
- 14.6 Special precautions for user**
Note: No information available
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Note: No information available

15. Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for this substance or mixture.**
No information available
- 15.2 Chemical Safety Assessment**
No information available

16. Other information

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

H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H319	Causes serious irritation to eyes
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with longlasting effects

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.

█ Indicates updated section.