

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

### 1.1 Product Identifier

Trade Name: Instant Filter Cleaner (Powder)

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

Uses: Instant Filter Cleaner and Disinfection of Swimming Pool Water

Restrictions: At this time we do not have information on use 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](mailto: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
Skin Corrosion	Category 1B		H314
Aquatic Toxicity	Category 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

Sodium Hydroxide and Sodium Metasilicate

2.3 Other Hazards No other information is available

**Trade Name:** Instant Filter Cleaner (Powder)

### 3. Composition/information on ingredients

**Chemical nature:** Granules

Chemical Name	Identification Numbers			Amount %
Mixture of the chemicals listed below with nonhazardous additives.				
	CAS No:	EC No:	Index No:	
Sodium Hydroxide	1310-73-2	215-185-5	011-002-00-6	10 - 25%
Sodium meta-Silicate, Pentahydrate	10213-79-3	229-912-9	014-010-00-8	10 - 25%
sodium carbonate	497-19-8	207-838-8	011-005-00-2	10 - 25%
sodium dichloroisocyanurate, dihydrate	51580-86-0	220-767-7	613-030-01-7	2.5 - 10%

### 4. First Aid measures

#### 4.1 Description of first aid measures

<b>General Advice:</b>	Take of all contaminated clothing immediately
<b>If Inhaled:</b>	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.
<b>In case of skin contact:</b>	Wash off immediately with plenty of soap & water. If irritation appears seek medical advice
<b>In case of eye contact:</b>	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.
<b>If swallowed:</b>	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:	No further information available
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 extinguishing media:	CO <sub>2</sub> , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing media:	Water with full jet

#### 5.2 Special hazards arising from the substance or mixture

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

#### 5.3 Advice for fire-fighters

Special protective equipment:	In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit).
Further Information:	No further information available

## 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

Pick up mechanically. Use neutralizing agent. Dispose of contaminated material as waste according to item 13

### 6.4 Reference to 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.

Requirements for storage areas and containers: No special measures required

Advice on protection against fire and explosion: No special measures required

Further information: No further information available

Advice on 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.

**Component: sodium hydroxide**

**CAS No: 1310-73-2**

Regulatory Basis: UK. EH40 Workplace Exposure Limits (WELS)

Regulatory List: EH40 WEL

Value type: Short Term Exposure Limit (STEL)

Value: 0.02 mg/m<sup>3</sup>

**Component: sodium dichloroisocyanurate, dihydrate**

**CAS No: 51580-86-0**

Regulatory List: EU ELV

Value: Short Term Exposure (STEL) 0.07 mg/m<sup>3</sup>

Value: Long Term Exposure (LEV) 0.02 mg/m<sup>3</sup>

### 8.2 Exposure controls

#### Engineering measures

Refer to protective measures listed in sections 7 and 8

**8. Exposure control/personal protection Cont.....**

**8.2 Personal protective equipment**

Respiratory protection

Low exposure: Advice: Respiratory filter device

Intensive exposure: Advice: Self contained respiratory protective device

Hand protection Advice: Use protective gloves

Eye protection Advice: Chemical goggles

Skin and body protection Advice: 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

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

Viscosity, kinematic: 20 ° C (Aqueous solution 15%)

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 Possibility of hazardous reactions**

Hazardous reactions None reasonably foreseeable

**10.4 Conditions to avoid**

Conditions to avoid High temperature. Poor ventilation. Contamination

**10.5 Incompatible materials**

Materials to avoid Acids

**10.6 Hazardous decomposition products**

Haz. Decomp. products: Chlorine

Trade Name: Instant Filter Cleaner (Powder)

## 11. Toxilogical Information

### 11.1 Information on toxilogical effects

sodium hydroxide				1310-73-2
Value type	Value type	Value	value	Species
Oral	LD50	2,000	mg/kg	Rat
sodium dichloroisocyanurate, dihydrate				51580-86-0
Oral	LD50	1,400	mg/kg	Rat

#### 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 data available

### 12.3 Bioaccumulative potential

Bioaccumulative potential No data available

### 12.4 Mobility in soil

Mobility in soil No data available

### 12.5 Results of PBT and PvB assessment

Results of PBT and PvB No data 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

**Trade Name:** Instant Filter Cleaner (Powder)

#### 14. Transport Information

- 14.1 UN Number** 3262
- 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 data available
- 15.2 Chemical Safety Assessment**  
No data available

#### 16. Other information

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

H314	Causes severe skin burns and eye damage
H411	Very toxic to aquatic life with longlasting effects

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##### Rev 7

█ Indicates updated section