

SAFETY DATA SHEET

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

1.1 Product Identifier Pop Up Floater

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

Uses: For disinfection of pool and spa 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) 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
Ox. Sol.	2	H272
Acute Tox.	4	H302
Eye Irrit.	2	H319
STOT SE	3	H335
Aquatic Acute	1	H410
Repro	1B	

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
Oxidising	R8
Harmful	R22
Irritant	R31
	R36/37
Dangerous for the environment	R50/53

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:



(continued on Page 2)

2. Hazard Identification...cont

Signal word: Danger

Hazard statements: H272 May intensify fire; oxidiser
 H302 Harmful if swallowed.
 H319 Causes serious eye irritation
 H360 May damage fertility or the unborn child
 H400: Very toxic to aquatic life
 H410: Very toxic to aquatic life with long lasting effects
 H335+H336: May cause respiratory irritation. May cause drowsiness or dizziness
 EUH031 Contact with acids liberates toxic gas.

Warning! Do not use together with other products. May release dangerous gases (chlorine).
 Use biocides safely. Always read the label and product information before use.

Precautionary statements:

Prevention P102 Keep out of reach of children
 P402 Store in a dry place.

Response P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Hazardous components which must be listed on the label Trichloroisocyanuric Acid

2.3 Other Hazards No other information is available.

3. Composition/information on ingredients**3.1 Substances**

Chemical Name	CAS No	EINECS	Amount	H & R Phrases
Trichloroisocyanuric Acid	87- 90 -01	201-782-8	75-100%	H272, H302,H319,H335,H410 R8, R22, R31, R36/37, R50/53

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

General Advice: Take off all contaminated clothing immediately.

If Inhaled: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

In case of skin contact: Rinse skin with water/shower. If skin irritation or rash occurs, get medical advice/attention.

In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

If swallowed: Rinse mouth , do not induce vomiting - Get medical advice/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: Powder or carbon dioxide

Unsuitable extinguishing media: Foam or water

5.2 Special hazards arising from the substance or mixture

Specific Hazards during fire fighting: In case of fire, the following can be released:

Nitrogen oxides (NO_x)

Hydrogen chloride (HCl)

5.3 Advice for fire-fighters

Special protective equipment

Fire-fighters should wear full protective clothing and self-contained breathing apparatus (SCBA). Thoroughly decontaminate fire-fighting equipment including all fire fighting wearing apparel after the incident.

Further Information:

Collect contaminated fire extinguishing water separately.

6. Accidental release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal Precautions: Use personal protective equipment. Provide adequate ventilation.

6.2 Environmental precautions: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

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

Local authorities should be advised if significant spillages cannot be contained

6.3 Methods and materials for containment and cleaning up

Sweep up, avoiding generation of dust, then immediately spread as a thin layer in an uncontaminated, dry open area, to avoid the possibility of hot spots forming. Gradually hose to drain ensuring large dilution. DO NOT store or transport swept up material. DO NOT return spilled material to original container. Do not add small amount of water to material. Where a spill has occurred in a confined space or an unventilated building and the material is damp and evolving chlorine, the rate of chlorine evolution can be reduced by covering the thinly spread solid with soda ash. For large spills notify Emergency Services.

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:

Strong oxidising agent. DO NOT MIX WITH OTHER CHEMICALS. Mix only with water. Never add water to product. Always add product to water. Use clean dry dispensing equipment.

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:

Keep this product in original, sealed container when not in use. Store in a cool, dry, well-ventilated area.

Advice on protection against fire:

Normal measures for preventive fire protection

Further information on storage

Keep away from children

Advice on common storage:

Do not store together with acids

7.3 Specific end uses

No information is available.

8. Exposure control/personal protection

8.1 Control parameters	No exposure limits have been set for this substance
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	Dispose of in accordance with all applicable local and national regulations. Do not flush into surface water or sanitary sewer systems

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

Form:	Tablets
Colour:	Whitish
Odour:	Characteristic chlorine
pH @ 20°C:	2.0 - 2.7
Melting Point	225°C
Boiling point/boiling range:	Undetermined
Flammability (solid, gas)	Not applicable
Density @ 20°C:	ca. 2.5 g/cm ³
Water solubility:	12 g/ 25 °C
Explosive properties:	If mixed with ammonia or sodium hydroxide and Cyanuric acid
Oxidising properties:	Product is an oxidiser

9.2 Other Information No further information

10. Stability and reactivity

10.1 Reactivity	No information available
10.2 Chemical stability	No information available
10.3 Possibility of hazardous reactions	Gives off hydrogen by reaction with metals. Reacts exothermic with water.
10.4 Conditions to avoid	High temperature. Poor ventilation. Contamination. Moisture/high humidity.
10.5 Incompatible materials	Strong exothermic reaction with acids. Reacts with flammable substances. Reacts with acids releasing chlorine. Reacts with reducing agents.
10.6 Hazardous decomposition products	Hazardous decomposition products:

Trade Name: Pop Up Floater

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

Route	Species	Test	Value	Units
Oral	Rat	LD50	406	mg/l

Primary Irritant effect

On the skin: Powder may irritate skin after prolonged contact.

On the eye: Particles in the eyes may cause irritation and smarting

Carcinogenic This product is not listed as a carcinogen

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

Sensitization: No sensitizing effects known

Additional toxicological information: No specific symptoms noted.

12. Ecological Information

12.1 Toxicity

Acute Toxicity

Species	Test	Value	Units
daphnia	EC50	0.2	mg / l
Danio rerio (Zebraabärbling)	LC50	0.3	mg / l

This product is toxic to fish and aquatic organisms.

12.2 Persistence and degradability No further information available

12.3 Bioaccumulative potential No further information available

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

12.5 Results of PBT and PvB assessment No data available

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	2468	
14.2 UN proper shipping name	UN2468, Trichloroisocyanuric Acid, Dry, 5.1, PG II, (E), MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS LIMITED QUANTITY	
14.3 Transport hazard class(es)		
Class	5.1	 
Classification Code	5.1	
Hazard label	50	
Transport Category	O2	
Tunnel Code	E	
Excepted Quantities	E1	
Limited Quantities	1kg	
14.4 Packaging Group	II	
14.5 Environmental hazards		
Environmentally Hazardous	Yes	
Marine Pollutant	Yes	
14.6 Special precautions for user	Clean up even minor leaks or spills if possible without unnecessary risk	
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	n/a	

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

No further information

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R8	Contact with combustible material may cause fire
R22	Harmful if swallowed
R31	Contact with acids liberates toxic gas
R36/37	Irritating to eyes and respiratory system
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH031	Contact with acids liberates toxic gas.

Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

Trade Name: Multifunctional Floating Dispenser

16. Other information

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.

Revision	Date	By	Amendment
1	25/11/2013	Linda Brueford	Created