

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

- **Trade Name:** Small Chlorine Tablets
- **Other names**
- **Intended use of chemical** Disinfection of pool and spa water.
- **Manufacturer/Supplier** Complete Pool Controls Ltd, Unit 2, The Park, Stoke Orchard, Bishops Cleeve, Gloucestershire, GL52 7RS.
Tel: +44 (0) 8712 229081
Fax: +44 (0) 8712 229083

2. Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description** 87 - 90 - 1 Trichloroisocyanuric Acid
- **EINECS Number:** 201 - 782 - 8
- **EU Number:**

3. Hazard Identification

- **Hazard description**



Dangerous for the environment



Oxidising



Harmful

- **Hazard Information concerning particular hazards for human and the environment**

- | | |
|--------|--|
| R 8 | 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 |

4. First Aid measures

- **After inhalation:** Provide fresh air, warmth and rest, preferably in a comfortable
- **After skin contact:** Wash with plenty water for a minimum of 15 minutes. If skin irritation persists, seek medical attention.
- **After eye contact:** Flush eyes with cold flowing water for at least 15 minutes. Seek medical attention immediately.
- **After Ingestion:** Drink large quantities of water. DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Seek medical attention.

Trade Name: Small Chlorine Tablets
5. Fire fighting measures

- **Special extinguishing media:** Flood with copious amounts of water. Carbon dioxide, sand.
- **Unsuitable extinguishing media:** Small quantities of water, ammonium containing dry powders, foam.
- **Special exposure hazards in fire:** Contact with other materials may cause fire. Emits toxic fumes under fire conditions (nitrogen trichloride or chlorine).
- **Special protective equipment:** Wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes. Cool endangered containers with water spray jet.

6. Accidental release Measures

- **Personal Protection** Wear appropriate personal protective clothing as detailed in section 8.
- **Environmental Protection** Do not discharge into the drains/surface waters/groundwater.
- **Methods for cleaning:** Sweep, scoop or vacuum up all spilled materials and contaminated materials and place in clean, dry containers for disposal. Complete the cleanup on a dry basis if possible. Do not use floor-sweeping compounds in removal of this material. Neutralise active chlorine with suitable materials (sulphite or thiosulphate).

7. Handling and storage

- **Personal Protection** Do not breathe dust. Use only in well-ventilated areas. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.
- **Storage** Keep container tightly closed. Store in a cool dry place. Do not store with combustible materials.

Trade Name: Small Chlorine Tablets
8. Exposure control/personal protection
• Exposure control limits and source:

	8hr TWA		15min STEL		Authority
	ppm	mg/m ³	ppm	mg/m ³	
Chlorine	0.5	1.5	1	2.9	EH40

• Hand Protection

Wear suitable chemical resistant gloves when handling this product. Disposable nitrile gloves are suitable providing regular changes of gloves are made.

• Eye Protection

Wear appropriate safety goggles

• Skin Protection

Avoid prolonged contact with skin by wearing appropriate clothing.

9. Physical and chemical properties

• Appearance at 20oC Solid white tablet

• Odour Slight chlorine.

• pH (conc) 2.8

• Decomposition Point 225 °C

• Solubility in water 12.8 g/l⁻¹ @ 25 °C

10. Stability and reactivity

• Conditions to avoid Reaction with combustible materials, reaction with acids, reaction with impurities and reaction with organic substances. Some reactions may result in fire.

• Materials to avoid Strong reducing agents, strong bases and acids, calcium hypochlorite.

• Hazardous decomposition products Chlorine, carbon monoxide, carbon dioxide, nitrogen trioxide.

11. Toxicological Information

• Inhalation Harmful if inhaled.

• Ingestion Harmful if swallowed.

• Skin Harmful if absorbed through the skin. Sensitisation through skin contact is possible.

• Eyes May be irritating to eyes.

• Toxicity Toxic dose LD50: 530 mg/kg (oral rat)

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12. Ecological Information

- **Ecotoxicity** LC50 (Lepomis macrochirus): <math><1 \text{ mg l}^{-1}</math> (96 hr)
- **Persistence and degradability** Product is not allowed to discharge into aquatic environment, drains or sewage treatment plants.

13. Disposal Considerations

- **Substance** Product must be disposed of in accordance with local and national legislation via an authorised hazardous waste contractor.
- **Container** Dispose of uncontaminated packaging by recycling. All contaminated packaging must be disposed off via an authorised hazardous waste contractor.

14. Transport Information

- **U N No** UN3077
- **Proper shipping name** Environmentally Hazardous Substance, Solid, N.O.S. (Trichloroisocyanuric acid, dry)
- **Class/division** 9
- **Packing group** III
- **Hazard I D No** 90
- **EAC** 2Z
- **Pollutant** May be considered a marine pollutant

Trade Name: Small Chlorine Tablets
15. Regulatory information

- **Product Name** Small chlorine Tablets
- **Symbol** Xn; N; O
- **Indications of danger** Harmful, Dangerous for the Environment, Oxidising
- **Risk phrases** 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
- **Safety phrases** S1/2 Keep locked up and out of the reach of children
 S8 Keep container dry
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 S29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
 S46 If swallowed, seek medical advice immediately and show this container or label
- **Additional labelling requirement**
 Warning. Do not use with other products. May release dangerous gases (chlorine).

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

