

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

- **Trade Name:** Stabilised Chlorine Granules
- **Other names** Troclosene Sodium Dihydrate, Sodium Dichloroisocyanurate Dihydrate, Dichlor Granules
- **Intended use of chemical** For 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** 51580 - 86 - 0 Sodium Dichloroisocyanurate Dihydrate,

### 3. Hazard Identification

- **Hazard description**



Harmful



Dangerous for the environment

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

- |        |   |
|--------|---|
| 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:** Move to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume the most comfortable position and keep warm. Keep at rest until fully recovered. If breathing is laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In event of cardiac arrest, apply external cardiac massage. Seek medical advice.
- **After skin contact:** Wash thoroughly with plenty of water. Remove contaminated clothing and wash before reuse. If large area of skin is damaged or if irritation persists seek medical attention.
- **After eye contact:** Rinse opened eye for at least minutes under running water. Keep eye wide open while rinsing. Remove clothing if contaminated and wash skin. Urgently seek medical attention. Transport to hospital or medical centre.
- **After Ingestion:** Immediately rinse mouth with water. Give water to drink. Do NOT induce vomiting. If vomiting occurs, place victims face downwards, head lower than hips to prevent vomit entering lungs. Transport to hospital or medical centre.



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### 8. Exposure control/personal protection

- **Exposure control limits and source:**

Chlorine	8hr TWA		15min STEL		Authority
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
	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** White crystalline solid, granules
- **Odour** Chlorine
- **Formula** C<sub>3</sub>H<sub>4</sub>Cl<sub>2</sub>N<sub>3</sub>Na<sub>05</sub>
- **Specific gravity at 20oC**
- **pH (conc)** 6.0 - 7.0 1% aqueous solution)
- **Melting Point** N/A
- **Flash Point** N/A
- **Solubility in water** 260 gm/litre @25 °C

### 10. Stability and reactivity

- **Conditions to avoid** Damp or slightly wet conditions may slowly liberate hazardous gases. (will gradually degenerate to Nitrogen Trichloride)
- **Materials to avoid** Stable under normal conditions
- **Hazardous decomposition products** Decomposes above 240°C forming chlorine, nitrogen trichloride, nitrogen oxides, carbon dioxide, cyanates and carbon monoxides



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### 15. Regulatory information

• <b>Product Name</b>	Stabilised Chlorine Granules	
• <b>Symbol</b>	Xn; N	
• <b>Indications of danger</b>	Harmful: Dangerous for the Environment	
• <b>Risk phrases</b>	R22	Harmful if swallowed.
	R31	Contact with acids liberates toxic gas.
	R36/37	Irritating to eyes and respiratory system.
• <b>Safety phrases</b>	S1/2	Keep locked up and out of reach of children
	S8	Keep container dry
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S41	In case of fire and/or explosion do not breathe fumes
	S60	This material and/or its container must be disposed of as hazardous waste
	S61	Avoid release to the environment. Refer to special instructions/Safety Data Sheet

### 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.

