Safety Data Sheet

Legal Disclaimer

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1. Identification of Products

Product Name:	Guardex Swim Clear Stabilised Chlorine Granules
Product Code:	20 35 530 020
	20 35 530 050
	20 35 530 100
	20 35 530 250
Chemical Name:	Sodium Dichloroisocyanurate Dihydrate
Other Names:	Stabilised Chlorine Granules, Dichlor Granules, Pool Dichlor Granules

Distributed by: Golden Coast Ltd | Fishleigh Road | Roundswell Commercial Park West | Barnstaple | Devon | EX31 3UA | Tel: 01271 378100 | e-mail: swimmer@goldenc.com

2. Composition

Ingredients:	Sodium Dichloroisocyanurate
CAS Number:	51580-86-0
EINECS Number:	613-030-01-7
EEC Number:	-
Phrases:	Xn,R22-31
Ingredients:	Dihydrate
CAS Number:	-
EINECS Number:	-
EEC Number:	-
Phrases:	Xi, R36/37

3. Hazard Identification

Harmful if swallowed. Contact with acids liberates toxic gas.
Irritating to eyes and respiratory system.

As a quality assured company we reserve the right to alter and improve the specification of products as deemed necessary. Registered in England and Wales 2420044 VAT Reg. No 540 4110 02

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4. First Aid Measures

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.

Eye contact:

Flush immediately with water for at least 15 minutes. If irritation persists seek medical attention.

Ingestion:

Wash out mouth with water. DO NOT INDUCE VOMITING. If patient is conscious, give water to drink.
Seek immediate medical attention

Inhalation:

Remove from exposure, rest and keep warm.
In severe cases, or if recovery is not rapid, or complete, seek medical attention.

Note:

When seeking medical attention, always show the product label.

5. Fire Fighting Measures

The product is not flammable. Thermal decomposition occurs at above 240 °C. This can be extinguished by flooding with water or by isolating the decomposing material to open air and allowing it to be consumed.

Suitable extinguishers:

Water, CO_2. Do not use ammonium compounds.

Hazardous combustion products are:

Chlorine, Hypochlorous acid, Cyanuric acid.

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6. Accidental Release Measures

Use appropriate personal protective equipment as detailed in section 8.

Spillages and Leaks:

Isolate area and warn others. DO NOT introduce water or other liquids to the spillage site. Sweep up and deposit in dry plastic sacks or drums. DO NOT put into bins or skips.

Dispose of in accordance with appropriate local regulations.

7. Handling and Storage

Handling:

DO NOT breath in dust. Avoid skin and eye contact. (See section 8)

Storage:

Store in a cool, dry place away from direct sunlight and heat. Keep out of reach of children and avoid storage or contact with: Organic materials, oil, grease, saw dust, reducing agents, Nitrogen containing compounds, Sodium Hypochlorite, Calcium Hypochlorite, other oxidisers, acids and alkalis.

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8. Exposure Controls / Personal Protection

Exposure Limits:		Chlorine
8hr TWA	ppm	0.5
	mg/m³:	1.5
15min STEL	ppm	1
	mg/m³:	2.9
Authority:		EH40

Personal Protective Equipment:

Respiratory:

Mask in normal conditions.

Otherwise use approved respirator with chemical cartridge suitable against chlorine and dusts.

Hands:

Impermeable gloves and protective clothing.

Eyes:

Wear chemical splash goggles.

9. Physical and Chemical Properties

Appearance:	White crystalline solid
Odour:	Chlorine
pH (1% aqueous soln):	6.0 - 7.0
Boiling Point / range:	N/A
Melting point / range:	240 °C (Approx.)
Flash point:	None
Bulk density:	0.95 g/cm³
Solubility in water:	290 gm/litre @25 °C

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10. Stability and Reactivity

Conditions to avoid:

Damp or slightly wet conditions also slowly liberate hazardous gasses.
(May gradually degenerate to Nitrogen Trichloride)

Stability:

Stable under normal conditions.

Decomposition Products:

Decomposes above 240 °C forming hazardous gasses.

Incompatible materials:

Reacts with oxidising and reducing against to liberate hazardous gasses.

11. Toxicological Information

Route of entry:	Inhalation, skin contact and ingestion.		
Inhalation:	Irritating to nose mouth throat and lungs		
Ingestion:	Irritation and burning to gastrointestinal tract.		
Skin & eyes:	Can cause severe irritation and / or burns characterised by redness, swelling and scab.		
Toxicity:	Oral LD50 (Rat)	1400 mg/kg	(Slightly Toxic)

12. Ecological Information

Mobility:

Partially soluble in water.

Highly toxic to aquatic life:

DO NOT discharge into lakes, ponds or stream. DO NOT discharge into public waters unless in accordance with consent to discharge orders.

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13. Disposal Considerations

Disposal Method:

Disposal should be in accordance with all official regulations and carried out via an approved disposal contractor. If material is dry, incineration is recommended.

Empty Containers:

As substance.

14. Transport Information

UN No:	Not regulated
Primary Hazard:	Not regulated
Packing Group:	Not regulated
Hazard ID No:	Not regulated
Class:	Not regulated
EAC:	Not regulated

15. Regulatory Information

Product name:	Swim Clear
Hazard symbol:	Harmful
Risk Phrases:	
R22	Harmful if swallowed.
R31	Contact with acids liberates toxic gas.
R36/37	Irritation to eyes and respiratory system.
Safety Phrases:	
S2	Keep 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.

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16. Other Information

Recommended uses and restrictions:

No further information.

Further information sources:

No further information

Sources of key data used to compile Safety Data Sheet.

Approved supply list. Approved carriage list. EH40

Note:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW act, COSHH, management of health and safety at work regulations, or other health and safety legislation.