

Section 1. Product and Company Identification.

1.1 Model Number; DL51 v1
1.2 Description; 1kg Chlorine Mini Tabs for Hot Tubs, Spas & Swimming Pools

1.3 Manufacturer;
Sealey Group.
Kempson Way,
Bury St. Edmunds,
Suffolk.
IP32 7AR

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

Date of source compilation; 14/11/2019

Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

Ox. Sol. 2
Acute Tox. 4
STOT SE 3
Eye Irrit. 2
Aquatic Acute 1
Aquatic Chronic 1

2.2 Label elements.

Hazard pictogram(s)



Signal Word. Danger

Hazard statements;

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

Section 2. Hazards Identification continued.**Precautionary statements;**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep away from clothing and other combustible materials.

Keep out of reach of children.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER or doctor.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Store locked up.

Dispose of contents/container to an approved waste facility

2.3 Other hazards.

Contact with acids liberates toxic gas.

This product is not identified as a PBT/vPvB substance.

Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements ¹
TRICHLOROISOCYANURIC ACID	87-90-1	>90 %	Ox. Sol. 2 Acute Tox. 4 STOT SE 3 Eye Irrit. 2 Aquatic Acute 1 Aquatic Chronic 1	H272 H302 H335 H319 H400 H410

¹For full text of Statements, see Section 16.

Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so.

Skin Contact

Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

If irritation persists seek medical attention.

Eye Contact

Bathe the eye with running water for 15 minutes.

If irritation persists seek medical attention.

Ingestion

Wash out mouth with water.

Get medical advice / attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation: No data available.

Skin contact: No data available.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Eye bathing equipment should be available on the premises.

Section 5. Fire Fighting Measures.

5.1. Extinguishing media

Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Corrosive. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Mark out the contaminated area with signs and prevent access to unauthorised personnel.
Do not create dust.

6.2. Environmental precautions

Do not discharge into drains or rivers.
Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Transfer to a closable, labelled salvage container for disposal by an appropriate method.
Avoid dust formation.

6.4. Reference to other sections

See Section 7 for information on Safe Handling
See Section 8 for information of Personal Protective Equipment.
See Section 13 for information on disposal.

Section 7. Handling and Storage.

7.1. Precautions for safe handling

Ensure there is sufficient ventilation of the area.
Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.
Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Intended for use as Chlorine Mini Tabs for Hot Tubs, Spas & Swimming Pools, Model Number identified in 1.1 with Description stated in 1.2.

Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters

No data available.

8.2. Exposure controls

Appropriate Engineering Controls

Ensure there is sufficient ventilation of the area.

Eye/Face Protection

Safety glasses with side shields.

EN 166.

Ensure eye bath is to hand.

Skin Protection

PVC gloves. Neoprene gloves. Breakthrough time of the glove material > 8 hours.

Protective clothing with elasticated cuffs and closed neck.

Boots made of PVC.

PVC apron covering the tops of the boots. Ensure safety shower is to hand.

Respiratory Protection

If ventilation is inadequate, suitable respiratory protection must be worn.

Wear a respirator fitted with the following cartridge:

Combination filter, type A2/P3. EN136 / EN140 / EN 141 / EN 145 / EN 143 / EN 149 Gas/vapour filter, type B: inorganic vapours excl. CO

EN 14387.

Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	Solid. White.
(b) Odour:	No data available.
(c) Odour threshold;	No data available.
(d) pH:	2.8 (20°C)
(e) Melting point/freezing point;	No data available.
(f) Initial boiling point and boiling range;	No data available.
(g) Flash point;	No data available.
(h) Evaporation rate;	No data available.
(i) Flammability (solid, gas);	No data available.
(j) Upper/lower flammability or explosive limits;	No data available.
(k) Vapour pressure;	No data available.
(l) Vapour density;	No data available.
(m) Relative density;	No data available.
(n) Solubility(ies);	No data available.
(o) Partition coefficient: n-octanol/water;	No data available.
(p) Auto-ignition temperature;	No data available.
(q) Decomposition temperature;	No data available.
(r) Viscosity;	Non-viscous.
(s) Explosive properties;	No data available.
(t) Oxidising properties.	No data available.

9.2 Other information

No data available.

Section 10. Stability and Reactivity.

10.1. Reactivity	Stable under recommended storage and transport conditions.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
10.4. Conditions to avoid	Heat. Hot surfaces. Moist air. Humidity.
10.5. Incompatible materials	Reducing agents. Acids. Bases. Organic materials.
10.6. Hazardous decomposition products	Contact with acids liberates toxic gas. In combustion emits toxic fumes.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

Toxicity values;

Route	Species	Test	Value	Units
ORL	RAT	LD50	406	mg/kg
SKN	RAT	LD50	7600	mg/kg

Hazardous ingredients;

TRICHLOROISOCYANURIC ACID

DERMAL	RBT	LD50	>2000	mg/kg
INHALATION	RAT	1H LC50	>50	mg/kg
ORAL	RAT	LD50	406	mg/kg

Relevant hazards for product;

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Section 12. Ecological Information.

TRICHLOROISOCYANURIC ACID

Species	Test	Value	Units
BLUEGILL (<i>Lepomis macrochirus</i>)	96H LC50	0.13-0.50	mg/l
Daphnia magna	48H EC50	0.21	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	0.06-0.11	mg/l

Section 13. Disposal Considerations.

13.1. Waste treatment methods

Not for landfill waste treatment.
Dispose of in accordance with local authority regulations.
Do not allow to enter water courses.

Section 14. Transport Information.

ADR. International Carriage of Dangerous Goods by Road.

14.1. UN number	UN 2468
14.2. Name and Description	Trichloroisocyanuric acid, dry
14.3. Class	5.1
14.4. Packing group	II
14.5. Environmental hazards	Very toxic to aquatic life with long lasting effects.
14.6. Special precautions for user	No special precautions necessary.

IATA. International Air Transport Association.

14.1. UN number	UN 2468
14.2. UN Proper Shipping Name/Description	Trichloroisocyanuric acid, dry
14.3. Class or Division	5.1
14.4. Packing group	II
14.5. Environmental hazards	Very toxic to aquatic life with long lasting effects.
14.6. Special precautions for user	No special precautions necessary.

IMDG. International Maritime Dangerous Goods.

14.1. UN number	UN 2468
14.2. UN proper shipping name	Trichloroisocyanuric acid, dry
14.3. Class	5.1
14.4. Packing group	II
14.5. Environmental hazards	Very toxic to aquatic life with long lasting effects.
14.6. Special precautions for user	No special precautions necessary.
14.7. Transport in bulk – Maritime only.	Bulk transport is not applicable to this product

Section 15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available.

15.2. Chemical safety assessment
No data available.

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

H272 May intensify fire; oxidiser.

H302 Harmful if swallowed.

H335 May cause respiratory irritation.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	21/12/20	First issue.

End of Safety Data Sheet.