



SpaGuard.

Safety Data Sheet

Brominating Concentrate

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Product Ref. SGDS0001
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1 IDENTIFICATION OF CHEMICAL

Product Name: Brominating Concentrate
Chemical Name: Troclosene Sodium
Other Names: Sodium dichloro-s-triazinetriene, Sodium salt of dichloroisocyanuric acid, Sodium dichloroisocyanurate

2 COMPOSITION

Ingredients	Wt%	CAS No.	EINECS No	EEC No.	Phrases
Troclosene Sodium	<85	2893-78-9	--	220-767-7	R8, 22, 36/37,N50/53 S2,8,26,41,60,61
Sodium Bromide	<15	7647-15-6	--	--	Not regulated

3 HAZARD IDENTIFICATION

Oxidising Contact with combustible materials may cause fire.

Harmful Harmful if swallowed. May be irritating to skin, nose and throat. Avoid contact and breathing dusts and vapours.

4 FIRST AID MEASURES

Skin Contact: If contact with skin occurs, wash off excess chemical with soap and flush with cool water for at least 15 minutes. Remove contaminated clothing. If skin irritation persists, seek immediate medical attention.

Eye contact: If contact with eyes occurs, immediately flush contaminated eye(s) with cool, gently flowing water for at least 10 minutes, holding eyelid(s) open. Take care not to splash contaminated water into the non-affected eye. Seek immediate medical attention.

Ingestion: If swallowed, drink large amounts of water. **DO NOT** induce vomiting. **NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.** Seek medical attention immediately.

Inhalation: If inhaled, remove individual to fresh air. If breathing is difficult, have trained person administer oxygen. Seek medical attention immediately.

Note: When seeking medical attention, always show the product label.

5 FIRE FIGHTING MEASURES

Flammability: Application of heat promotes exothermic self decomposition and liberation of hazardous gases.

Suitable extinguishers: Water fog.

Hazardous combustion products are: Decomposition liberates toxic chlorine gas.

Fire Fighting procedures: Use self contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

Use appropriate personal protective equipment as detailed in section 8.

Spillage's and Leaks: Contain and absorb the spillage with inert material such as sand. Sweep up the spill and place in clean, dry plastic containers including any contaminated soil. Dispose of product in accordance with relevant local and national waste disposal legislation.

Wash site thoroughly with detergent and water

7 HANDLING AND STORAGE

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.

Storage: Keep this product in original, sealed container when not in use. Store in a cool, dry, well-ventilated area. Keep this product and all other chemicals out of reach of children.

Avoid contact with: Other swimming pool/spa chemicals in their concentrated forms.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	8hr TWA		15min STEL		authority
	ppm	mg/m3	ppm	mg/m3	
Sodium dichloroisocyanurate		not listed			
General inhalable dust levels	--	10	--	--	EH40

General: General room ventilation plus local exhaust should be used to minimise exposure. Remove and wash contaminated clothing before reuse.

PPE Respiratory: Where dust emissions are possible, general dust protection should be used

Skin: Wear rubber gloves when handling this product. Avoid contact with skin.

Eyes: Wear goggles or safety glasses with side shields when handling this product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
Odour: Bromine
Appearance: Granules
Colour: White
Solubility in Water: 25 g/100ml
pH: 6 - 7

10 STABILITY AND REACTIVITY

Conditions to avoid:	High temperature. Poor ventilation. Contamination
Stability:	Can explode in contact with ammonium salts or other nitrogenous materials.
Polymerisation:	Hazardous polymerisation will not occur under normal conditions.
Decomposition products:	Chlorine gas.
Incompatible materials:	Other swimming pool/spa chemicals in their concentrated forms. Bases and acids. Combustible materials.

11 TOXICOLOGICAL INFORMATION

This product is corrosive to skin and eyes.
This product is not listed as a carcinogen.
Sodium Dichloroisocyanurate – LD50 1400mg/kg (rat)

12 ECOLOGICAL INFORMATION

This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

13 DISPOSAL CONSIDERATIONS

Do not put product, spilled product or filled or partially filled containers into the waste. Contact with incompatible materials could cause a reaction or fire. Disposal of unused, uncontaminated product is regulated according to local and national regulations. Do not re-use container. Rinse thoroughly before discarding.

14 TRANSPORT INFORMATION

UN No.	2465
Primary Hazard:	Oxidising substances
Packing Group:	II
Hazard ID No.	50
Class:	5.1
EAC:	2WE

15 REGULATORY INFORMATION

Product name:	Brominating Concentrate
Hazard symbol:	Oxidiser Harmful

Risk Phrases:	R8	Contact with combustible material may cause fire.
	R22	Harmful if swallowed
	R31	Contact with acids liberates toxic gases
	R36/37	Irritating to skin and respiratory system.

Safety Phrases:	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.

Note: This data sheet does not constitute a users assessment of the workplace risk as required by the Health and Safety at Work Act, COSHH, Management of Health and Safety at Work or other health and safety legislation.

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, ACIGH tables.

The data in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1998, as amended, for the purpose of protecting the health and safety of industrial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.