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MATERIAL SAFETY DATA SHEET

Sodium Dichloroioocyanurate

Physical/Chemical Characteristics

CHEMICAL NAME & SYNONYMS:	1,3,5-Triazine-2, 4, 6 (1H, 3H, 5H)-trione, 1, 3 Dichloro Sodium Salt Sodium Dichloroisocyanurate, Sodium Dichloro-S-Triazinetrione		
CHEMICAL FAMILY:	Chlorinated Isocyanurates		
FORMULA:	$\text{Cl}_2\text{Na}(\text{NCO})_3$		
TRADE NAME:	Waterclor SDIC		
DESCRIPTION:	White crystalline granules having a slight chlorine odor.		
CAS NO:	2893-78-9		
Boiling Point:	N/A	Melting Point:	N/A
Vapor Pressure:	N/A	pH(1% Solution @ 25C):	5.8 – 7.0
% Volatile by volume:	N/A	Loose Bulk Density (lb/cu.ft):	57
Solubility in water:	Decomposes	Evaporation Rate:	N/A

Fire and Explosion Hazard Data

Flash Point:	N/A
Autoignition Temp:	N/A
Flammable Limits in Air % By Volume:	N/A

Extinguishing Media: Extinguishing by flooding with copious quantities of water or by isolating the decomposing material and allowing it to be consumed.

Special Fire Fighting Procedures: Wear Full protective clothing and self contained breathing apparatus. Use NIOSH approved products only.

Unusual Fire and Explosion Hazards: None

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Re-activity Data
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Stability: Stable.

Conditions to Avoid: None.

Incompatibility (materials to avoid): Avoid contact with water in the container. Also avoid contact with easily oxidizable material; ammonia, urea or similar nitrogen-containing compounds; inorganic reducing compounds; calcium hypochlorite; alkalis.

Hazardous Decomposition: Chlorine containing gases can be produced. Traces of phosgene can be liberated at high temperature 400F.

Hazardous Polymerization: Will not occur.

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Health Hazard Data
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EFFECTS OF EXPOSURE:

This product is considered to be corrosive to eyes and skin. Exposure to its dust or fumes has been reported to produce eye, nose, throat and respiratory tract irritation. Exposure to chlorine gas has been reported to cause burning of the eyes, nose and mouth and irritation of the entire respiratory tract lining with coughing, a choking sensation, internal pain, vomiting, nausea, headache, dizziness and syncope. The onset of severe respiratory symptoms following exposure to chlorine, including pulmonary edema and pneumonitis, may be delayed.

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Emergency and first aid procedure
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INHALATION: Remove patient to fresh air. Consult a physician.

SKIN: Flush with water for 15 minutes, if irritation persists, call a physician.

EYE: Immediately flush with water for at least 15 minutes. Immediately consult physician.

INGESTION: Drink large amount of water. DO NOT induce vomiting. Get medical attention.

Transportation Data

Proper Shipping Name: Dichloroisocyanuric Acid, Dry, 5.1, UN 2468, PG11.

This material safety data sheet and the information it contains is offer to you in a good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believed that the information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in the data sheet may not be adequate for all individuals and/ or situation. It is the user's obligation to evaluate and use this product safety and to comply with all applicable laws and regulation. No statement made in this data sheet shall be constructed as a permission or recommendation for the use of any product in a manner the might infringe existing patents. No warranty is either made express or implied.
