



***SANI-MARC**

*Les Produits. Et les Hommes.
People and Their Products.*

Material Safety Data Sheet

WHMIS	TDG Road/Rail

Section I. Product Identification and Uses

Trade name	SUPER-DISC (CLEARWATER)	Health Hazard	*	3
Code	30-13240	Fire Hazard		0
Supplier	CLEARWATER C.P. 25, Victoriaville, (Qc) G6P 6S4	Reactivity		2
Manufacturer	SANI-MARC INC. 42 boul. de l'Artisan, Victoriaville, Qc (819) 758-1541	Personal Protection		F
Material uses	Consumer products: Kill bacteria and algae in Swimming Pool Waters.	Protective Clothing		
		Governmental Approbations		
		Not applicable.		

Section IA. First Aid Measures

Eye contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention immediately.
Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
Hazardous skin contact	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.
Slight inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Hazardous inhalation	Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.
Slight ingestion	If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
Hazardous ingestion	Not available.

Section II. Hazardous Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
Trichloroisocyanuric acid	87-90-1	60-100	Not available.	ORAL (LD50) mg/kg: Acute: 600 (Rat). DERMAL (LD50) mg/kg: Acute: 7600 (Rabbit).

Section III. Physical Data

Physical state and appearance	Solid. (Disc.)	Color	White.
pH (Pure)	Not available.	Odor	Chlorine. (Strong.)
pH (1% soln/water)	2.3 (Conc. (% w/w): 1) [Acidic.]		
Odor threshold	Not available.		
Volatility	Not available.		
Freezing point	Not available.		
Boiling/Condensation point	Not available.		
Specific gravity	Not available.		
Vapor density	Not available.		
Vapor pressure	Not applicable.		
Evaporation rate	Not available.		
Viscosity	Not available.		
Water/oil dist. coeff.	Not available.		
Ionicity (surface active agent)	Not available.		
Critical temperature	Not available.		
Instability temperature	Not available.		
Conditions of instability	Not available.		
Dispersion properties	Not available.		
Solubility	Very slightly soluble in cold water, hot water.		

Section IV. Fire and Explosion Data

The product is:	Non-flammable.
Auto-ignition temperature	Not applicable.
Fire degradation products	Not applicable.
Flash points	Not applicable.
Flammable limits	Not applicable.
Fire extinguishing procedures	Not applicable.
Flammability	Not applicable.
Risks of explosion	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Section V. Reactivity Data

Stability	The product is stable.
Hazardous decomp. products	These products are halogenated compounds.
Degradability	Not available.
Products of degradation	These products are carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ...), halogenated compounds. The products of degradation are as toxic as the original product.
Corrosivity	Not available.
Reactivity	Highly reactive with reducing agents, combustible materials, organic materials, acids, alkalis. Non-reactive with metals, moisture.

Section VI. Toxicological Properties

Routes of entry	Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.
TLV	Not available.
Toxicity for animals	Acute oral toxicity (LD50): 600 mg/kg [Rat]. Acute dermal toxicity (LD50): 7600 mg/kg [Rabbit].
Chronic effects on humans	Very hazardous in case of skin contact (corrosive, irritant, sensitizer), of eye contact (irritant), of ingestion, of inhalation, lungs irritant. Non-permeator by skin. CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.
Acute effects on humans	Very hazardous in case of skin contact (corrosive, irritant, sensitizer), of eye contact (irritant, corrosive), of ingestion, of inhalation (lung irritant, lung corrosive). Prolonged exposure may result in skin burns and ulcerations. Over-exposure by inhalation may cause respiratory irritation. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.



Section VII. Preventive Measures

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Waste information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste stream	Not available.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Separate from acids, alkalis, reducing agents and combustibles. See NFPA 43A, Code for the Storage of Liquid and Solid Oxidizers.
Precautions	Keep container dry. Keep away from heat. Keep away from sources of ignition. Keep away from combustible material. Do not ingest. Do not breathe dust. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as reducing agents, combustible materials, organic materials, acids, alkalis.
Small spill and leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate.
Large spill and leak	Oxidizing material. Stop leak if without risk. Avoid contact with a combustible material (wood, paper, oil, clothing...). Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of sodium carbonate.
Protective clothing	Splash goggles. Full suit. Dust respirator. Boots. Gloves.

Section VIII. Classification

TDG road / rail	CLASS 5.1: Oxidizing material.	
	Shipping name: TRICHLOROISOCYANURIC ACID, DRY, 5.1, UN2468, GE II (Ltd. Qty. Index, 1 Kg)	
Maritime transportation	Not available.	
WHMIS	Not controlled under WHMIS (Canada).	
Federal and provincial regulations	No products were found.	

Section IX. Protective Measures

Protective clothing	Safety glasses. Synthetic apron. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves (impervious).	
Engineering controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.	

Section X. Other Information

References	Not available.
Not available.	
Validated by Service Santé et Sécurité on 17/07/2003.	Verified by Service Santé et Sécurité. Printed 17/07/2003.

Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)

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