



**\*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

<b>Trade name</b> <b>pH - (CLEARWATER)</b>	<b>Health Hazard</b> * <b>1</b>
<b>Code</b> 30-13180	<b>Fire Hazard</b> <b>0</b>
<b>Supplier</b> CLEARWATER C.P. 25, Victoriaville, (Qc) G6P 6S4	<b>Reactivity</b> <b>1</b>
<b>Manufacturer</b> SANI-MARC INC. 42 boul. de l'Artisan, Victoriaville, Qc (819) 758-1541	<b>Personal Protection</b> <b>F</b>
<b>Material uses</b> Consumer products: Counteracts high pH levels.	<b>Protective Clothing</b>  
	<b>Governmental Approbations</b> Not applicable.

## Section IA. First Aid Measures

<b>Eye contact</b>	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. Get medical attention immediately.
<b>Skin contact</b>	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. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
<b>Hazardous skin contact</b>	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
<b>Slight inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
<b>Hazardous inhalation</b>	Not available.
<b>Slight ingestion</b>	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 if symptoms appear.
<b>Hazardous ingestion</b>	Not available.

**Section II. Hazardous Ingredients**

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Name	CAS #	% by Weight	TLV/PEL	LC <sub>50</sub> /LD <sub>50</sub>
Sodium bisulfate	7681-38-1	60-100	Not available.	ORAL (LD50): Acute: 2800 mg/kg [Rat].

**Section III. Physical Data**

Physical state and appearance	Solid. (Granular solid.)	Color	White.
pH (Pure)	Not available.	Odor	Odorless.
pH (1% soln/water)	2 [Acidic.]		
Odor threshold	Not available.		
Volatility	Not available.		
Freezing point	177°C (350.6°F)		
Boiling/Condensation point	Decomposes.		
Specific gravity	2.43 (Water = 1)		
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	See solubility in water.		
Solubility	Soluble in cold water, hot water.		

**Section IV. Fire and Explosion Data**

<b>The product is:</b>	Non-flammable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Fire degradation products</b>	Not applicable.
<b>Flash points</b>	Not applicable.
<b>Flammable limits</b>	Not applicable.
<b>Fire extinguishing procedures</b>	Not applicable.
<b>Flammability</b>	Not applicable.
<b>Risks of explosion</b>	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**

<b>Stability</b>	The product is stable.
<b>Hazardous decomp. products</b>	Not available.
<b>Degradability</b>	Not available.
<b>Products of degradation</b>	These products are sulfur oxides (SO <sub>2</sub> , SO <sub>3</sub> ...). Some metallic oxides. The products of degradation are more toxic.
<b>Corrosivity</b>	Non-corrosive in presence of glass.
<b>Reactivity</b>	Reactive with oxidizing agents, alkalis, moisture.

**Section VI. Toxicological Properties**

<b>Routes of entry</b>	Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.
<b>TLV</b>	Not available.
<b>Toxicity for animals</b>	Acute oral toxicity (LD50): 2800 mg/kg [Rat].
<b>Chronic effects on humans</b>	Hazardous in case of skin contact (corrosive, irritant, sensitizer), of eye contact (irritant), of ingestion, of inhalation, lungs irritant. Slightly hazardous in case of skin contact (permeator). <b>CARCINOGENIC EFFECTS:</b> Not available. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. <b>DEVELOPMENTAL TOXICITY:</b> Not available.
<b>Acute effects on humans</b>	Hazardous in case of skin contact (corrosive, irritant, sensitizer), of eye contact (irritant), of ingestion, of inhalation, lungs irritant, lungs sensitizer. Slightly hazardous in case of skin contact (permeator). The amount of tissue damage depends on length of contact. Eye contact can result in corneal damage or blindness. Skin contact can produce inflammation and blistering.



## Section VII. Preventive Measures

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<b>Waste information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Waste stream</b>	Not available.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area.
<b>Precautions</b>	Keep container dry. 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 oxidizing agents, alkalis, moisture.
<b>Small spill and leak</b>	Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: <b>Neutralize the residue with a dilute solution of sodium carbonate.</b> Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
<b>Large spill and leak</b>	Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. <b>Neutralize the residue with a dilute solution of sodium carbonate.</b> Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
<b>Protective clothing</b>	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product.

## Section VIII. Classification

<b>TDG road / rail</b>	Not controlled under TDG (Canada).	
	Not applicable.	
<b>Maritime transportation</b>	Not available.	
<b>WHMIS</b>	Not controlled under WHMIS (Canada).	
<b>Federal and provincial regulations</b>	No products were found.	

## Section IX. Protective Measures

<b>Protective clothing</b>	Safety glasses. Synthetic apron. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves (impervious).	
<b>Engineering controls</b>	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

<b>References</b>	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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