



**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>LAVENET</b>	<b>Health Hazard</b>	*	<b>2</b>
<b>Code</b>	11-70160	<b>Fire Hazard</b>		<b>0</b>
<b>Supplier</b>	International Stoneworks Inc. 2523 Fairway Park, Suite 510, Houston, Texas 77092	<b>Reactivity</b>		<b>0</b>
<b>Manufacturer</b>	SANI-MARC INC. 42 boul. de l'Artisan, Victoriaville, Qc (819) 758-1541 CANADA	<b>Personal Protection</b>		<b>B</b>
<b>Material uses</b>	Industrial applications: Stone cleaner.	<p align="center"><b>Protective Clothing</b></p> <p align="center"></p> <p align="center"><b>Governmental Approbations</b></p> <p align="center">Not applicable.</p>		

## Section IA. First Aid Measures

<b>Eye contact</b>	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.
<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.
<b>Hazardous skin contact</b>	Not available.
<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 if symptoms appear.
<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. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
<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>
1) Soda ash	497-19-8	1-5	Not available.	ORAL (LD50): Acute: 4090 mg/kg [Rat].
2) Ether methyl dipropylene glycol	34590-94-8	1-5	Not available.	ORAL (LD50): Acute: 5660 mg/kg [Rat]. DERMAL (LD50): Acute: 9500 mg/kg [Rat].
3) Sodium dodecylbenzene sulfonate	25155-30-0	2.5	Not available.	ORAL (LD50): Acute: 1260 mg/kg [Rat].

**Section III. Physical Data**

<b>Physical state and appearance</b>	Liquid. (Transparent liquid.)	<b>Color</b>	Blue.
<b>pH (Pure)</b>	8.7 (Basic.)	<b>Odor</b>	Spring fragrance.
<b>pH (1% soln/water)</b>	8.5 [Basic.]		
<b>Odor threshold</b>	Not available.		
<b>Volatility</b>	Not available.		
<b>Freezing point</b>	May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -1.81°C (28.7°F)		
<b>Boiling/Condensation point</b>	The lowest known value is 100°C (212°F) (Water). Weighted average: 104.89°C (220.8°F)		
<b>Specific gravity</b>	1.02 (Water = 1)		
<b>Vapor density</b>	The highest known value is 5.1 (Air = 1). Weighted average: 1.1 (Air = 1)		
<b>Vapor pressure</b>	The highest known value is 2.3 kPa (@ 20°C) (Water). Weighted average: 2.25 kPa (@ 20°C)		
<b>Evaporation rate</b>	Not available.		
<b>Viscosity</b>	Not available.		
<b>Water/oil dist. coeff.</b>	The product is much more soluble in water.		
<b>Ionicity (surface active agent)</b>	Anionic.		
<b>Critical temperature</b>	Not available.		
<b>Instability temperature</b>	Not available.		
<b>Conditions of instability</b>	Not available.		
<b>Dispersion properties</b>	Is not dispersed in methanol, n-octanol. See solubility in water, methanol, diethyl ether, acetone.		
<b>Solubility</b>	Easily soluble in cold water, hot water, methanol. Soluble in acetone. Partially soluble in diethyl ether. Insoluble in n-octanol.		

## Section IV. Fire and Explosion Data

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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	Not available.
Degradability	Not available.
Products of degradation	These products are carbon oxides (CO, CO <sub>2</sub> ) and water, sulfur oxides (SO <sub>2</sub> , SO <sub>3</sub> ...). Some metallic oxides. The products of degradation are as toxic as the original product.
Corrosivity	Not considered to be corrosive for metals and glass.
Reactivity	Slightly reactive to reactive with acids, alkalis. Non-reactive with oxidizing agents, reducing agents, combustible materials, organic materials, metals.

## Section VI. Toxicological Properties

Routes of entry	Absorbed through skin. Eye contact. Ingestion.
TLV	<small>Soda ash TWA: 10 (ppm) from ACGIH (TLV) [United States] [1991] Glycol ether DPM TWA: 100 (ppb) from ACGIH (TLV) [United States] [1992] Consult local authorities for acceptable exposure limits.</small>
Toxicity for animals	Acute oral toxicity (LD50): 650 mg/kg [Rat]. Acute dermal toxicity (LD50): 631 mg/kg [Rabbit].
Chronic effects on humans	Very slightly hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant), of ingestion. Non-corrosive for skin. Non-permeator by skin. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. <b>CARCINOGENIC EFFECTS:</b> None by NTP, None. by OSHA . <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. <b>DEVELOPMENTAL TOXICITY:</b> Not available.
Acute effects on humans	Very slightly hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant), of ingestion. Non-corrosive for skin. Non-permeator by skin. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.



## 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>	Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.
<b>Small spill and leak</b>	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. 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>	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
<b>Protective clothing</b>	Splash goggles. Full suit. Boots. Gloves.

## Section VIII. Classification

<b>TDG road / rail</b>	Not controlled under TDG (Canada).	
	Not applicable.	
<b>Maritime transportation</b>	Not available.	
<b>WHMIS</b>	CLASS D-2B: Material causing other toxic effects (TOXIC).	
<b>Federal and provincial regulations</b>	No products were found.	

## Section IX. Protective Measures

<b>Protective clothing</b>	Safety glasses. Lab coat. Gloves (impervious).	
<b>Engineering controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.	

## Section X. Other Information

<b>References</b>	Not available.
Not available.	
<b>Validated by Service santé et sécurité on 05/03/2001.</b>	<b>Verified by Service santé et sécurité.</b>
	<b>Printed 05/03/2001.</b>

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

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*