



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

Section IA. First Aid Measures

Eye contact	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.
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. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Hazardous skin contact	Not available.
Slight inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
Hazardous inhalation	Not available.
Slight ingestion	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.
Hazardous ingestion	Not available.

Section II. Hazardous Ingredients

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Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
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

Physical state and appearance	Liquid. (Transparent liquid.)	Color	Blue.
pH (Pure)	8.7 (Basic.)	Odor	Spring fragrance.
pH (1% soln/water)	8.5 [Basic.]		
Odor threshold	Not available.		
Volatility	Not available.		
Freezing point	May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -1.81°C (28.7°F)		
Boiling/Condensation point	The lowest known value is 100°C (212°F) (Water). Weighted average: 104.89°C (220.8°F)		
Specific gravity	1.02 (Water = 1)		
Vapor density	The highest known value is 5.1 (Air = 1). Weighted average: 1.1 (Air = 1)		
Vapor pressure	The highest known value is 2.3 kPa (@ 20°C) (Water). Weighted average: 2.25 kPa (@ 20°C)		
Evaporation rate	Not available.		
Viscosity	Not available.		
Water/oil dist. coeff.	The product is much more soluble in water.		
Ionicity (surface active agent)	Anionic.		
Critical temperature	Not available.		
Instability temperature	Not available.		
Conditions of instability	Not available.		
Dispersion properties	Is not dispersed in methanol, n-octanol. See solubility in water, methanol, diethyl ether, acetone.		
Solubility	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 ₂) and water, sulfur oxides (SO ₂ , SO ₃ ...). 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. CARCINOGENIC EFFECTS: None by NTP, None. by OSHA . MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: 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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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.
Precautions	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.
Small spill and leak	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.
Large spill and leak	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.
Protective clothing	Splash goggles. Full suit. Boots. Gloves.

Section VIII. Classification

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

Section IX. Protective Measures

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

Section X. Other Information

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

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

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