

**1. Product and company identification**Product name **LAVENET**

Code

Date of Issue: 08-01-2018.

Material uses : Industrial applications: High performance all-purpose cleaner

Supplier  
International Stoneworks, Inc.  
8650 Fairbanks N. Houston Rd.  
Houston, Texas 77064

7 1 3 - 9 5 6 - 8 2 9 1

In case of emergency: Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)

**2. Hazards identification**

Potential hazards described in this section are not expected when manufacturer's direction or use and proper security measures are observed.

Physical state : Liquid/Transparent liquid. Odor: Spring fragrance

2.1 Classification **None**

2.2 Label Elements

Symbol(s)



Signal Word:

Warning

May be harmful if swallowed Slightly irritating to the eyes and skin. May cause sensitization by skin contact Do not breathe vapor or mist. Do not ingest. Do not get on skin or clothing. Avoid contact with eyes. Wash thoroughly after handling.

Emergency overview

Dermal contact. Eye contact. Ingestion.

Route of entry Potential

acute health effects:

Inhalation No known significant effects or critical hazards.  
 Ingestion Harmful if swallowed.  
**Skin** Slightly irritating to the skin May cause sensitization by skin contact.  
**Eyes** Slightly irritating to the eyes.  
 See toxicological information (Section 11) for more details.

**3. Composition/information on ingredients**

Name	CAS number	% w/w
(2-methoxyethoxy) propanol	3459994-8	1.5
Dodecylbenzene Sulphonic acid	27176-87-0	1.5
Alcohols, C12-15, ethoxylated	68131-39-5	1.5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**4. First aid measures**

**Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

**Skin contact** : In case of contact, immediately flush skin with plenty of water for at least 20 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.

**Inhalation** : Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar tie, belt or waistband. Get medical attention immediately.

**Ingestion** : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it or wear gloves.

**5. Fire-fighting measures**

**Flammability of the product** : In a fire or if heated a pressure increase will occur, and the container may burst

**Extinguishing media**

Suitable : Use an extinguishing agent suitable for the surrounding fire

Not suitable : None known.

**Special exposure hazards** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
sulfur oxides metal  
oxide/oxides

## 5. Fire-fighting measures

**Special protective equipment for fire-fighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Accidental release measures

**Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, Waterways, soil or air).

### Methods for cleaning up

**Small spill** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7. Handling and storage

**Handling** Put on suggested personal protective equipment when handling the product. Avoid contact with skin and eyes. Do not ingest. This product is formulated for commercial, institutional and industrial uses only.

**Storage** Store in cool ventilated place. Keep container tightly closed when product is stored. Protect from freezing. Keep out of reach of children.

## 8. Exposure controls /personal protection

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			Notations
Ingredient	List name	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	
2-methylethoxy) propanol	US ACGIH 4/2014	100	606		150	909					[1]
	AB 4/2009	100	606		150	909					(1)
	BC 4/2014	100			150						(1)
	ON 1/2013	100	606		150	909					(1)
	QC 1/2014	100	606		150	909					[1]
[1] Absorbed through skin											

Consult local authorities for acceptable exposure limits.

### Engineering measures

General room ventilation is adequate for the use of this product.

### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products. Before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing.

### Personal Protection

**Respiratory** No specific protective equipment suggested

**Hands** It is suggested to use chemical impervious protective gloves when using this product

**Eyes** It is suggested to wear safety glasses when handling or using chemical products

**Skin** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## 9. Physical and chemical properties

<b>Physical state</b>	: Liquid. (Transparent liquid.	<b>Molecular formula</b>	: Not applicable	<b>Flammable limits</b>	: Not available
<b>Color</b>	: Blue	<b>Molecular weight</b>	: Not applicable	<b>Burning rate</b>	: Not applicable.
<b>Odor</b>	: Spring fragrance.	<b>Vapor pressure</b>	: Not available.	<b>Burning time</b>	: Not applicable
<b>Relative density</b>	: Not available	<b>Vapor density</b>	: Not available	<b>Critical temperature</b>	: Not available
<b>pH</b>	: 6.7	<b>Volatility</b>	: Not available	<b>Auto-ignition temperature</b>	: Not available
<b>Viscosity</b>	: Not available	<b>Evaporation rate</b>	: Not available	<b>Flash point</b>	: [Product does not sustain combustion)
<b>Odor threshold</b>	: Not available	<b>Ionicity (In water)</b>	: Anionic	<b>Dispersibility properties</b>	: Dispersible in the following materials: cold water and hot water.
<b>Solubility</b>	Easily soluble in the following materials- cold water and hot water				
<b>Melting/freezing point</b>	Not available			<b>Boiling condensation point</b>	: Not available.

## 10. Stability and reactivity

Chemical stability	The product is stable.
Conditions to avoid	No specific data.
Materials to avoid	No specific data.
	Slightly reactive or incompatible with the following materials: acids and alkalis.
	Non-reactive or compatible with the following materials: oxidizing materials, reducing materials, combustible materials, organic materials, metals and moisture
Hazardous decomposition products	Under normal conditions of storage and use. hazardous decomposition products should not be produced.
Possibility of hazardous reactions	Under normal conditions of storage and use. hazardous reactions will not occur

## 11. Toxicological information

The symptoms, hazards and situations described in this section are not expected when manufacturer's direction for use, proper security measures and given professional exposure limits are correctly followed.

Potential chronic health effect &	
Chronic effects	Once sensitized. a severe allergic reaction may occur when subsequently exposed to very Low levels
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards
Teratogenicity	No known significant effects or critical hazards
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards
Target organs	Contains material which may cause damage to the following organs. mucous membranes, upper respiratory tract, skin. central nervous system (CNS), eye lens or cornea stomach

### Over-Exposure signs/ symptoms

Inhalation	Not a usual way of absorption
Ingestion	No specific data.
Skin	Adverse symptoms may include the following: irritation redness
Eyes	Adverse symptoms may include the following. irritation watering redness

### Medical conditions aggravated by over-exposure

Pre-existing skin disorders and disorders involving any other target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Oode cyben zenesulphonic acid	LOSO Oral LD500 oral	Rat	650 mg/kg 890mg/kg	
(2-methoxymethylethoxy) propanol	LOSO Der ma l	Rat	9500 mg/kg	
	LOSO Oral	Rat	566 0 mg/ kg	
Alcohols, C12-1Sethoxylate d	LOSO Oral LD50 Oral	Rat	2 g/kg 4150 mg/kg	

### Irritation n/Corrosion

Product/Ingredient name	Result	Species	Score	Exposure	Observation
Dodecylben zenesulphonic acid	Skin - Severe irritant	Rabbit		0.5 Milliliters	
(2-methoxymethjethoxy) propanol	Eyes - Mild irritant	Human		8 milligrams	
	Eyes - Mild irritant	Rabbit		24 hours 500 milligrams	
	Skin - Mild irritant	Rabbit		soo milligrams	

## 12. Ecological information

Ecotoxicity	Readily biodegradable			
<b>Aquatic ecotoxicity</b>				
Product/ingredient name	Test	Result	Exposure	Species
Alcohol ls, C12 -15. ethoxylated		Acute EC50 0.7 mg/l Fresh water	96 hours	Algae - Green algae-Pseudokirchneriella subcapitata
		Acute EC50 0.39 mg/l Fresh water	48hours	Crustaceans - Water flea - Ceriodaphnia dubia - Neonate
		Acute EC50 302 µg/l Fresh water	48 hours	Oaphnia - Water flea-Oaphnia magna - Neonate
		Acute LC50 1400 µg/l Fresh water	96 hours	Fish - Fathead minnow -Pimephales promelas
		Chronic NOEC 1 mg/l Fresh water	96 hours	Algae - Green algae-Pseudokirchneriella subcapitata
		Chronic NOEC 83 µg/l Fresh water	21 days	Oaphnia - Water flea-Oaphnia magna- Neonate

## 12. Ecological information

Toxicity of the products of biodegradation: The products of biodegradation are as toxic as the original product.

## 13. Disposal considerations

**Waste disposal**: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Waste stream**: Not available.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## 14. Transport information

Regulatory Information	UN number	Proper shipping name	Classes	PG'	Label	Additional Information
DOT Classification	Not regulated	-	-	-		
TOG Classification PG* = Packing group	Not regulated		-		-	

## 15. Regulatory information

### United States Inventory (TSCA Sb)

WHMIS (Canada)  
Canadian lists

- All components are listed or exempted.  
: Class D-28 Material causing other toxic effects (Toxic).  
: CEPA Toxic substances: None of the components are listed.  
Canadian ARET: None of the components are listed.  
Canadian NPRI: None of the components are listed.  
Alberta Designated Substances: None of the components are listed.  
Ontario Designated Substances: None of the components are listed.  
Quebec Designated Substances: None of the components are listed.  
At least one component is not listed.

### Canada Inventory

### Other certification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

## 16. Other information on the product

Label requirements: MAY CAUSE ALLERGIC SKIN REACTION MAY BE HARMFUL IF SWALLOWED MAY CAUSE EYE AND SKIN IRRITATION

Date of printing (YYYY-MM-DD): 2018-08-01

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Note: SDS are valid for a 3 years period after the date of issue

**J'** Indicates information that has changed from previously issued version.

### Notice to reader

There are potential hazards to people and goods associated with the use of this product which are detailed in the present Safety Data Sheet (SDS). To minimize potential hazards associated with this product it is of user's responsibility to conform to the directions for use and all other instructions provided in the Safety Data Sheet (SDS) of this product. The manufacturer, distributors and suppliers of this product are exonerating themselves and consequently shall not be liable for any prejudice or damage of any kind, resulting from the use of this product which may not be in accordance with the directions to use or all the instructions provided in the present Safety Data Sheet (SDS) or resulting from an unadvised use of the present product.

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