

# BIO-SCRUB ANTIBACTERIAL HAND SANITIZER WITH ALOE

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	BIO-SCRUB ANTIBACTERIAL HAND SANITIZER WITH ALOE
<b>Other Means of Identification</b>	NPN 80097811 (Natural Health Product Regulations (NHPR))
<b>Recommended Use</b>	Skin-care.
<b>Restrictions on Use</b>	This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.
<b>Manufacturer</b>	Lawrason's, Inc, 460 Wyecroft Road, Oakville, Ontario, L6K 2G7, (905) 842-8300, www.Lawrasons.com
<b>Supplier Identifier</b>	Lawrason's, Inc, 460 Wyecroft Road, Oakville, Ontario, L6K 2G7, (905) 842-8300, www.Lawrasons.com
<b>Emergency Phone No.</b>	CANUTEC, 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone
<b>SDS No.</b>	34891, 34892, 34893
<b>Date of Preparation</b>	February 01, 2017

## SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

### Classification

Flammable liquid - Category 3; Eye irritation - Category 2A

### Label Elements



Warning

### Hazard Statement(s):

Flammable liquid and vapour.  
Causes serious eye irritation.

### Precautionary Statement(s):

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

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Keep container tightly closed.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

In case of fire: Use dry chemical powder to extinguish.

Storage:

Store in a well-ventilated place. Keep cool.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

#### **Other Hazards**

None known.

### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Ethyl Alcohol	64-17-5	60.00-80.00		
Aloe-Natural Plant Derivative	8001-97-6	0.10-1.00		

#### **Notes**

The exact percentage (concentration) of composition has been withheld as a trade secret.

### **SECTION 4. FIRST-AID MEASURES**

#### **First-aid Measures**

##### **Inhalation**

Get medical advice or attention if you feel unwell or are concerned.

##### **Eye Contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.

##### **Ingestion**

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

##### **First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned.

### **SECTION 5. FIRE-FIGHTING MEASURES**

#### **Extinguishing Media**

##### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### **Unsuitable Extinguishing Media**

High volume water jet.

#### **Specific Hazards Arising from the Product**

Fire Hazard

Keep away from heat and sources of ignition.

Flash back possible over considerable distance.

Beware of vapours accumulating to form explosive concentrations.

Vapours can accumulate in low areas.

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Carbon oxides.

### Special Protective Equipment and Precautions for Fire-fighters

Wear fire resistant clothing.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Keep people away from and upwind of spill/leak.  
Material can create slippery conditions.

### Environmental Precautions

Discharge into the environment must be avoided.  
Prevent further leakage or spillage if safe to do so.  
Retain and dispose of contaminated wash water.  
Local authorities should be advised if significant spillages cannot be contained.

### Methods and Materials for Containment and Cleaning Up

Non-sparking tools should be used.  
Soak up with inert absorbent material.  
Suppress (knock down) gases/vapours/mists with a water spray jet.  
Keep in suitable, closed containers for disposal.  
Clean contaminated floors and objects thoroughly while observing environmental regulations.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

For personal protection see section 8.  
Keep away from heat.  
Use with local exhaust ventilation.  
Avoid contact with eyes.

### Conditions for Safe Storage

Take measures to prevent the build up of electrostatic charge.  
Keep in properly labelled containers.  
Keep containers tightly closed in a dry, cool and well ventilated place.  
Store in accordance with the particular national regulations.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Ethyl Alcohol	1000 ppm	Not established	1900 mg/m <sup>3</sup>	Not established	Not established	Not established
Aloe-Natural Plant Derivative	Not established		Not established		Not established	

### Individual Protection Measures

#### Eye/Face Protection

Wear face-shield and protective suit for abnormal processing problems.

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### **Skin Protection**

No special measures necessary provided product is used correctly.

### **Respiratory Protection**

No personal respiratory protective equipment normally required.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Basic Physical and Chemical Properties**

<b>Appearance</b>	Clear Gel. Particle Size: Not applicable
<b>Odour</b>	Alcoholic
<b>Odour Threshold</b>	Not available
<b>pH</b>	6.50 - 7.50
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	25 °C (77 °F)
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	0.89
<b>Solubility</b>	Very soluble in water; Not applicable (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	> 15000 centipoises (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid

## **SECTION 10. STABILITY AND REACTIVITY**

### **Reactivity**

Not classified as a reactivity hazard.

### **Chemical Stability**

Stable under normal conditions.

### **Possibility of Hazardous Reactions**

Vapours may form explosive mixture with air.

### **Conditions to Avoid**

Heat, flames and sparks.

### **Incompatible Materials**

Strong oxidizing agents

Flammable solids.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

### **Acute Toxicity**

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Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Ethyl Alcohol	124.7 mg/L (rat) (4-hour exposure)	> 5000 mg/kg (rat)	Not available
Aloe-Natural Plant Derivative	Not available	Not available	Not available

**Skin Corrosion/Irritation**

Not classified based on available information.

**Serious Eye Damage/Irritation**

Causes serious eye irritation.

**STOT (Specific Target Organ Toxicity) - Single Exposure**

**Ingestion**

Causes damage to organs based on information for closely related materials.

**Aspiration Hazard**

Not known to be an aspiration hazard.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

Not classified based on available information.

**Respiratory and/or Skin Sensitization**

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

**Carcinogenicity**

Chemical Name	IARC	ACGIH®	NTP	OSHA
Ethyl Alcohol	Not Listed	Not Listed	Not Listed	Not Listed
Aloe-Natural Plant Derivative	Not Listed	Not Listed	Not Listed	Not Listed

**Reproductive Toxicity**

**Development of Offspring**

Not known to harm the unborn child.

**Sexual Function and Fertility**

Not known to cause effects on sexual function or fertility.

**Effects on or via Lactation**

Not known to cause effects on or via lactation.

**Germ Cell Mutagenicity**

Not known to be a mutagen.

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No information was located.

**Persistence and Degradability**

Biodegradable.

**Bioaccumulative Potential**

This product and its degradation products are not expected to bioaccumulate.

**Mobility in Soil**

Studies are not available.

**Other Adverse Effects**

There is no information available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Store product for disposal as described under Storage in Section 7 of this safety data sheet. Do not reuse empty containers.

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1987	Alcohols, N.O.S.(Ethanol)	Class 3	III

**Environmental Hazards** Not applicable

### Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

This section is not required by WHMIS.

#### Canada

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

#### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

## SECTION 16. OTHER INFORMATION

**NFPA Rating** Health - 2 Flammability - 3 Instability - 0

**SDS Prepared By** Technical Manager

**Phone No.** 905-842-8300

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**Key to Abbreviations** IARC = International Agency for Research on Cancer

**References** CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

**Additional Information** All information is based upon our current knowledge and experience of our product and is not exhaustive. It applies to the product as defined by the specifications. In case of combinations of mixtures, one must confirm that no new hazards are likely to exist. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and integrity of the work environment. (Unless noted to the contrary, the technical information applies only to pure product). To our actual knowledge, the information contained herein is accurate as of the date of this document. However, neither Lawrason's, Inc. nor any of its affiliates makes any warranty, express or implied, or accepts any liability in connection with this information or its use. This information is for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. The user alone must finally

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