

	<b>SAFETY DATA SHEET</b>	Date prepared: 24/04/2020
	<ul style="list-style-type: none"> <li>• FRESH GEL Hand Antiseptic Cleanser</li> <li>• FRESH GEL Hand Sanitizer</li> </ul>	Version : 4.0

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product name :** FRESH GEL Hand Antiseptic Cleanser / FRESH GEL Hand Sanitizer.

**Product number :** 90981, 91981, 91982, 91983 and 90988

**Container size :** 250 mL, 130 ml, 150 ml, 200 ml and 4L

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended uses :** Personal Health Care / Hand Sanitizer

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

**Company :** LABORATOIRES DRUIDE INC.

**Address :**  
154 Oneida Avenue  
Pointe-Claire, QC, CANADA  
H9R 1A8

**E-mail :** [info@druide.ca](mailto:info@druide.ca)

**Phone :** +1 (514) 907-9088

**Fax :** +1 (514) 448-0518

### 1.4. Emergency Telephone Number

**Emergency telephone :** +1 (514) 907-9088 (business hours)

## SECTION 2 : Hazards identification

### 2.1. Classification of the substance or mixture

This product is not classified under the Canadian Hazardous Products Regulation.

No dangerous raw materials are used in accordance with the European Cosmetic Directive (76/768/EEC) and the Cosmetic Products Regulation (1223/2009/EC).

#### GHS Classification

Flammable liquids : Category 3

# SAFETY DATA SHEET

• FRESH GEL Hand Antiseptic Cleanser

• FRESH GEL Hand Sanitizer

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Eye irritation : Category 2A

## GHS Label element

Hazard pictograms:



Signal Word: Warning

Hazard Statements:

H226 Flammable liquid and vapor

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H401 Toxic to aquatic life.

## 2.2. Label elements

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Precautionary Statements:

### Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

### Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant

### Other Hazards:

Vapors may form explosive mixture with air.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

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The product contains the following ingredients that are regulated by the Canadian Hazardous Products Regulation and/or the USA Hazard Communication Standard of OSHA and the Cosmetic Products Regulation 1223/2009/EC :

# SAFETY DATA SHEET

• FRESH GEL Hand Antiseptic Cleanser

• FRESH GEL Hand Sanitizer

INGREDIENT	CAS #	%	CLASSIFICATION
Ethyl Alcohol	64-17-5	60% - 80%	GHS classification: Category 3; Flammable liquids category 2A; Eye irritation

The complete ingredient list for this finished product is as follows :

INCI	CAS #	CONCENTRATION	FUNCTION
Ethyl Alcohol	64-17-5	1	Active ingredient
Water (Aqua)	7732-18-5	1	Solvent
Aloe barbadensis Leaf Juice	85507-69-2	2	Co-solvent / Emollient
Eucalyptus globulus Leaf Oil	8000-48-4 / 84625-32-1	4	Perfume
Glycerin	56-81-5	5	Humectant
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	000000-50-3	6	Thickening Agent
Polyacrylamide	9003-05-8	7	Thickening Agent
C13-14 Isoparaffin	64742-47-8	7	Skin-conditioning
Laureth-7		7	Emulsifying Agent
FD&C Blue #1	2650-18-2 / 3844-45-9 / 68921-42-6 / 155792-67-3 / 71701-18-3 / 71701-19-4	7	Dye

\* Code 1 à 7 : 30% < 1 < 100%; 10% < 2 < 30%; 3% < 3 < 10%; 1% < 4 < 3%; 0,3% < 5 < 1%; 0,1% < 6 < 0,3%; 7 < 0,1%

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Eye contact :</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation persists.
<b>Skin contact :</b>	The product is intended to come into contact with the skin. If irritation is experienced, wash exposed area thoroughly with water. In case of wound smarts, flush with water. If irritation persists, get medical assistance.
<b>Inhalation :</b>	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
<b>Ingestion :</b>	Not an expected route of exposure. If accidentally swallowed: DO NOT induce vomiting, rinse mouth thoroughly with water. Get medical attention if symptoms occur.

# SAFETY DATA SHEET

• FRESH GEL Hand Antiseptic Cleanser

• FRESH GEL Hand Sanitizer

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## 4.2. Most important symptoms and effects, both acute and delayed

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Information is not available.

## 4.3. Indication of any immediate medical attention and special treatment needed

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Treat symptomatically.

## SECTION 5 : Fire-fighting measures

### 5.1. Extinguishing media

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**Suitable extinguishing media :** Use an extinguishing agent suitable for the surrounding fire as water spray, Alcohol resistant foam, dry powder or carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

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

Use water spray to cool unopened containers.

Remove undamaged containers from fire area if it is safe to do so.

Evacuate area.

### 5.3. Advice for firefighters

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In the event of fire, wear self-contained breathing apparatus.

Use personal protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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Remove all sources of ignition.

Use personal protective equipment.

Follow safe handling advice and personal protective equipment recommendations.

### 6.2. Environmental precautions

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Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

### 6.3. Methods and material for containment and cleaning up

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Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

# SAFETY DATA SHEET

- FRESH GEL Hand Antiseptic Cleanser

- FRESH GEL Hand Sanitizer

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes. Avoid inhalation of vapour or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions :** Store in closed original container in a cool and well-ventilated place.

**Incompatible products :** None known.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Ingredients with workplace control parameters :

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	NIOSH REL

### 8.2. Exposure controls

#### Engineering measures:

Minimize workplace exposure concentrations. Use only in an area equipped with explosion proof exhaust ventilation. Use with local exhaust ventilation.

#### Personal protective equipment:

##### Respiratory protection

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

##### Hand protection Material

Impervious gloves

##### Eye protection

Wear the following personal protective equipment: Safety goggles

##### Skin and body protection

# SAFETY DATA SHEET

- FRESH GEL Hand Antiseptic Cleanser

- FRESH GEL Hand Sanitizer

Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.

Wear the following personal protective equipment:

Flame retardant antistatic protective clothing.

Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

## Hygiene measures

Ensure that eye flushing systems and safety showers are located close to the working place.

When using do not eat, drink or smoke.

Wash contaminated clothing before re-use

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Parameter	Value/unit
Appearance	Gel
Colour	Blue
Odour	Eucalyptus
pH (25°C)	5.5 – 7.5
Solubility	Soluble
Density / Refractive Index	0.8960 g/cm <sup>3</sup>
Viscosity (25°C)	3000 – 10000 cps
Initial boiling point and boiling range	70 °C
Flash point	25 °C

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal condition

### 10.3. Possibility of hazardous reactions

Flammable liquid and vapor. Vapours may form explosive mixture with air.

### 10.4. Conditions to avoid

Heat, flames and sparks.

# SAFETY DATA SHEET

• FRESH GEL Hand Antiseptic Cleanser

• FRESH GEL Hand Sanitizer

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## 10.5. Incompatible materials

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Oxidizing agents

## 10.6. Hazardous decomposition products

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Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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The product is a personal care product intended for skin application that is safe for consumers and other users under intended and reasonably foreseeable use.

#### Toxicological effects:

##### Acute Toxicity

##### **Ethanol:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 124.7 mg/l

Exposure time: 4 h

Test atmosphere: vapor

##### Skin corrosion/irritation

Not classified based on available information.

##### **Product:**

Result: No skin irritation

##### **Ingredients:**

##### **Ethanol:**

Species: Rabbit

Method: OECD Test Guideline 404

Result: No skin irritation

##### Serious eye damage/eye irritation

Causes serious eye irritation.

##### **Ingredients:**

##### **Ethanol:**

Species: Rabbit

Method: OECD Test Guideline 405

Result: Irritation to eyes, reversing within 21 days

##### Respiratory or skin sensitization

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

# SAFETY DATA SHEET

• FRESH GEL Hand Antiseptic Cleanser

• FRESH GEL Hand Sanitizer

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## Ingredients:

### Ethanol:

Species: Mouse

Test Type: Local lymph node assay (LLNA)

Routes of exposure: Skin contact

Result: negative

### Germ cell mutagenicity

Not classified based on available information.

## Ingredients:

### Ethanol:

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test

Result: negative

Genotoxicity in vivo : Test Type: Rodent dominant lethal test (germ cell) (in vivo)

Species: Mouse

Application Route: Ingestion

Result: negative

### Reproductive toxicity

Not classified based on available information.

## Ingredients:

### Ethanol:

Effects on fertility : Test Type: Two-generation reproduction toxicity study

Species: Mouse

Application Route: Ingestion

Method : OECD Test Guideline 416

Result: negative

### STOT-repeated exposure

Not classified based on available information.

## Ingredients:

### Ethanol:

Species: Rat

NOAEL: 2,400 mg/kg

Application Route: Ingestion

Exposure time: 2 y

## SECTION 12: Ecological information

### 12.1. Ecotoxicity

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#### Ethanol:

Toxicity to fish :

LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l

Exposure time: 96 h



# SAFETY DATA SHEET

- FRESH GEL Hand Antiseptic Cleanser

- FRESH GEL Hand Sanitizer

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to daphnia and other : NOEC (Daphnia magna (Water flea)): 9.6 mg/l  
aquatic invertebrates Exposure time: 9 d  
(Chronic toxicity)

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): 32.1 mg/l  
Exposure time: 0.25 h

## 12.2. Persistence and degradability

### Ethanol:

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 84 %  
Exposure time: 20 d

## 12.3. Bioaccumulative potential

### Ethanol:

Partition coefficient: noctanol/water : log Pow: -0.35

## 12.4. Mobility in soil

No data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information :** Disposal should be in accordance with federal/state and local regulation.

## SECTION 14: Transport information

Not classified as dangerous for transport.

### UNRTDG :

UN number : UN 1987  
Proper shipping name : ALCOHOLS, N.O.S. (Ethanol)  
Class : 3  
Packing group : III  
Labels : 3

### IMDG :

UN number : UN 1987  
Proper shipping name : ALCOHOLS, N.O.S. (Ethanol)

# SAFETY DATA SHEET

• FRESH GEL Hand Antiseptic Cleanser

• FRESH GEL Hand Sanitizer

Class : 3  
Packing group : III  
Labels : 3  
EmS Code : F-E, S-D  
Marine pollutant : no

## IATA/ICAO :

UN number : UN 1987  
Proper shipping name : ALCOHOLS, N.O.S. (Ethanol)  
Class : 3  
Packing group : III  
Labels : Flammable Liquid  
Packing instruction : 366  
(cargo aircraft)  
Packing instruction : 355  
(passenger aircraft)

## SECTION 15: Regulatory information

### Components regulatory information :

Components are for use only in formulating cosmetic products and thus, are exempt from TSCA regulations (USA) and are listed on DSL (Canada).

Cosmetic Products Regulation 1223/2009/EC and WHMIS 2015 Classification :

- Ethyl Alcohol: GHS classification: Category 3; Flammable liquids category 2A; Eye irritation
- Sodium Benzoate: Annex V - #1 of the Cosmetic Products Regulation 1223/2009/EC
- Citric Acid: WHMIS 2015: Category 2A; Eye irritation category 1; Comb. Dusts

### Canada :

All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard of the Canadian Controlled Products Regulations (CPR) and this MSDS contains all information required by the CPR.

### EUROPE :

Not classified as a preparation / hazardous substance according to the EC classification.

Classified as Cosmetics according to Regulation (EC) No 1223/2009.

### USA :

US State Regulations

#### Pennsylvania Right To Know:

Ethanol	64-17-5	50 - 70 %
Water	7732-18-5	30 - 50 %

#### New Jersey Right To Know

Ethanol	64-17-5	50 - 70 %
Water	7732-18-5	30 - 50 %

## SECTION 16: Other information

This Safety Data Sheet completes the Specification Sheet but doesn't constitute a guarantee for the product's properties and is not a contractual legal report.

The information is given in good faith on the basis of our best knowledge of the product. However, we cannot accept responsibility or liability for any consequences arising from its use.

# SAFETY DATA SHEET

- FRESH GEL Hand Antiseptic Cleanser
  - FRESH GEL Hand Sanitizer
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We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned.

It is the responsibility of the user during handling, storage and product use, to consult the main regulatory texts in force regarding workers and environment protection.

----- END OF THIS SDS -----