

## 1. Identification

**Product identifier:** Stay Away Hand Sanitizer Gel 70%, NPN 80100837

**Other means of identification:** Hand Sanitizer Gel 70% Alcohol

**Recommended use:** Hand Sanitizer

**Available sizes:** 60 mL, 120 mL, 250 mL, 480 mL, 1 L, 1 Gallon

**Recommended restrictions:** Do not ingest.

### Manufacturer Information

**Company name** Dvine Laboratories Inc.

**Address** 423 Highway 36 S.  
Lindsay, ON  
K9V 4R3

**Telephone** 905-233-2486

**E-mail** customer@dvinelabs.com

**Emergency telephone number:** For emergencies only, available 24/7. Call CHEMTREC: 1-800-424-9300 / +1 703-527-3887 outside US and Canada

**Poison Control Information:** Poison control is open 24/7 for immediate assistance if ingestion does occur. Ontario poison control: 1-800-268-9017. If not in Ontario, contact your nearest poison control center.

## 2. Hazard Identification

**Hazard pictograms:**



**Signal word:** Warning

**Hazard statements:** H226 Flammable liquid and vapor.  
H319 Causes serious eye irritation.

**Precautionary statements:**

**Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground and bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting/equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P280 Wear eye protection/face protection.

**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.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**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:** None known.

### 3. Composition / Ingredients

Mixtures			
Chemical name	Common name and synonyms	CAS number	% (v/v)
Ethyl Alcohol		64-17-5	65-75*
Distilled Water		7732-18-5	20-25*
Glycerin		56-81-5	0-5*
Polyquaternium-10		81859-24-7	0-1*
Hydrogen Peroxide		7722-84-1	0-1*
Denatonium Benzoate		3734-33-6	0-1*

**Composition comments** \*CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First Aid Measures

<b>Inhalation</b>	Move to fresh air. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. If symptoms persist, call a physician.
<b>Skin contact</b>	In the case of skin irritation or allergic reactions see a physician.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.
<b>Most important symptoms and effects, both acute and delayed:</b>	Causes serious eye irritation.
<b>General information</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes. Keep out of reach of children.

### 5. Firefighting Measures

<b>Suitable extinguishing media</b>	Use extinguishing liquid agent suitable for type of surrounding fire. Dry chemical or CO <sub>2</sub> , water spray, fog or alcohol-resistant foam. Move containers from fire area if you can do so without risk.
<b>Unsuitable extinguishing media</b>	CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient. Do not use a solid water stream as it may scatter and spread fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Hazardous combustion products</b>	Carbon oxides.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

## 6. Accidental Release Measures

<b>Personal precautions</b>	ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Take precautionary measures against static discharges. Use personal protective equipment. Avoid contact with eyes.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Use personal protective equipment. Damp up. Absorb with earth, sand or other non-combustible material. Use clean non-sparking tools to collect absorbed material. Keep in suitable and closed containers for disposal. Clean contaminated surface thoroughly.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas.

## 7. Storage and Handling

<b>Handling</b>	Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Wear personal protective equipment. Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing.
<b>Storage</b>	Keep in properly labeled containers. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place.

## 8. Exposure Controls / Personal Protection

There is no data for this product. The information included in this section describes the exposure guidelines of the individual ingredients.

### Exposure Guidelines

Chemical Name (CAS number)	ACGIH TLV	OSHA PEL	NIOSH IDLH	Ontario OEL
Ethyl Alcohol (64-17-5)	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 1900 mg/m <sup>3</sup>	STEL: 1000 ppm
Glycerin (56-81-5)	TWA: 10 mg/m <sup>3</sup> mist	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	N/A	N/A
Polyquaternium-10 (81859-24-7)	N/A	N/A	N/A	N/A
Hydrogen Peroxide (7722-84-1)	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	TWA: 1ppm
Denatonium Benzoate (3734-33-6)	N/A	N/A	N/A	TWA: 3 mg/m <sup>3</sup>

### Appropriate engineering controls

Ensure adequate ventilation, showers and eyewash stations.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Tightly fitting safety goggles.

#### Skin and body protection

Protective gloves.

#### Respiratory protection

Not needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Liquid
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Colour</b>	Not available.
<b>Odour</b>	Alcohol odour.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit – lower (%)</b>	Not available.
<b>Flammability limit – upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit – upper (%)</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (Water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.

## 10. Stability and Reactivity

<b>Reactivity</b>	May react with incompatible materials.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Strong oxidising agents.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

## 11. Toxicology Information

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

### Acute Toxicity:

Chemical Name (CAS number)	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl Alcohol (64-17-5)	= 7060 mg/kg (Rat)	N/A	= 124.7 mg/L (Rat) 4 h
Glycerin (56-81-5)	= 12600 mg/kg (Rat)	>10 g/kg (Rabbit)	>570 mg/m <sup>3</sup> (Rat) 1 h
Polyquaternium-10 (81859-24-7)	>5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	N/A
Hydrogen Peroxide (7722-84-1)	= 1193 mg/kg (Rat)	>2000 mg/kg (Rabbit)	= 0.17 mg/L (Rat) 4 h (no deaths)
Denatonium Benzoate (3734-33-6)	= 584 mg/kg (Rat)	N/A	N/A

### Chronic Toxicity:

Ethanol has been shown to be a reproductive toxin only when consumed as an alcoholic beverage. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage.

### Carcinogenicity

Chemical Name (CAS number)	ACGIH	IARC	NTP	OSHA
Ethyl Alcohol (64-17-5)	A3	Group 1	Known	X

### ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 – Animal Carcinogen

### IARC: (International Agency for Research on Cancer)

Group 1 – Carcinogenic to Humans

### NTP: (National Toxicity Program)

Known – Known Carcinogen

### OSHA: (Occupational Safety and Health Administration)

X – Present

**Target Organ Effects:** Blood. Central nervous system (CNS). Eyes. Live. Reproductive system. Respiratory system. Skin.

## 12. Ecological Information

**Ecotoxicity** The product is not classified as environmentally hazardous. Avoid release to the environment. Information of ingredient ecotoxicity data is below.

**Ecotoxicity data:**

Chemical Name (CAS number)	Toxicity to Fish		
	LC50/96h	NOEC/21 day	M Factor
Polyquaternium-10 (81859-24-7)	>1-10 mg/l (Fish)	N/A	N/A
Hydrogen Peroxide (7722-84-1)	16.4 mg/L (Fathead minnow)	N/A	None.
Denatonium Benzoate (3734-33-6)	>1000 mg/L (Rainbow trout)	N/A	N/A

Chemical Name (CAS number)	Toxicity to Daphnia		
	EC50/48h	NOEC/21 day	M Factor
Polyquaternium-10 (81859-24-7)	>10-100 mg/l (Water flea)	N/A	N/A
Hydrogen Peroxide (7722-84-1)	2.4 mg/L (Water flea)	N/A	None.
Denatonium Benzoate (3734-33-6)	13 mg/L	N/A	N/A

Chemical Name (CAS number)	Toxicity to Algae		
	EC50/96h or 72h	NOEC/96h or 72h	M Factor
Polyquaternium-10 (81859-24-7)	N/A	N/A	N/A
Hydrogen Peroxide (7722-84-1)	N/A	0.63 mg/L (Green algae)	None.
Denatonium Benzoate (3734-33-6)	N/A	N/A	N/A

**Persistence and degradability:** Not available.

**Bioaccumulation potential:** Not available.

**Mobility in soil:** Not available.

**Other Adverse Environmental Effects:** Denatonium benzoate can cause chronic toxicity effects to aquatic life – make sure to follow proper local disposal guidelines.

## 13. Disposal Considerations

**Disposal instructions** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused Products** Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal

## 14. Transport Information

**General** The shipper is responsible to ensure that packaging, labelling, and markings are in compliance with the selected mode of transport.

## 15. Regulatory Information

**The components of this product are reported in the following inventories:**

TSCA	On TSCA Inventory.
DSL	All components of this product are on the Canadian DSL.
AICS	On the inventory, or in compliance with the inventory.
NZIoC	On the inventory, or in compliance with the inventory.
ENCS	On the inventory, or in compliance with the inventory.
ISHL	On the inventory, or in compliance with the inventory.
KECI	On the inventory, or in compliance with the inventory.
PICCS	On the inventory, or in compliance with the inventory.
IECSC	On the inventory, or in compliance with the inventory.

**Canadian lists:**

No substances are subject to a Significant New Activity Notification.

## 16. Other Information

**Original Issue date** May 29, 2020  
**Revision date** June 10, 2020  
**Version No.** 02

**Other information** For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

**Disclaimer** Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

**Prepared by** Dvine Laboratories Inc. Phone: (905)-233-2486