

1. Identification

Product identifier: Stay Away Hand Sanitizer Liquid 70%, NPN 80098059

Other means of identification: Hand Sanitizer Liquid 70% Alcohol

Recommended use: Hand Sanitizer

Available sizes: 60 mL, 100 mL, 120 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	15-20*
Glycerin		56-81-5	5-10*
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

Inhalation	Move to fresh air. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. If symptoms persist, call a physician.
Skin contact	In the case of skin irritation or allergic reactions see a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Ingestion	Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed:	Causes serious eye irritation.
General information	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

Suitable extinguishing media	Use extinguishing liquid agent suitable for type of surrounding fire. Dry chemical or CO ₂ , water spray, fog or alcohol-resistant foam. Move containers from fire area if you can do so without risk.
Unsuitable extinguishing media	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.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Hazardous combustion products	Carbon oxides.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental Release Measures

Personal precautions	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.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	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.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas.

7. Storage and Handling

Handling	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.
Storage	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 ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 1900 mg/m ³	STEL: 1000 ppm
Glycerin (56-81-5)	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	N/A	N/A
Hydrogen Peroxide (7722-84-1)	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m ³	TWA: 1 ppm TWA: 1.4 mg/m ³	TWA: 1ppm
Denatonium Benzoate (3734-33-6)	N/A	N/A	N/A	TWA: 3 mg/m ³

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.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuff. Provide regular cleaning of equipment, work area and clothing.

9. Physical and Chemical Properties

Appearance	Liquid
Physical state	Liquid.
Form	Liquid.
Colour	Not available.
Odour	Alcohol odour.
Odour threshold	Not available.
pH	6.8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit – lower (%)	Not available.
Flammability limit – upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (Water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and Reactivity

Reactivity	May react with incompatible materials.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	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)	-	= 124.7 mg/L (Rat) 4 h
Glycerin (56-81-5)	= 12600 mg/kg (Rat)	>10 g/kg (Rabbit)	>570 mg/m ³ (Rat) 1 h
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)	-	-

Chronic Toxicity:

No specific chronic health hazards known.

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
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
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
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	March 25, 2020
Revision date	July 24, 2020
Version No.	08

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