

# SAFETY DATA SHEET

Issuing Date: 13-Feb-2020

Revision Date:

Revision Number: 0

## 1. IDENTIFICATION OF THE SUBSTANCE/COMPANY INFORMATION

### Product Identifier

**Product Name:** Delon+ Hand Sanitizer Gel

### Other means of identification

**Synonyms:** N/A

### Recommended use of chemical and restrictions on use

**Recommended Use:** Cleansing hands

**Uses advised against:** N/A

### Details of supplier of the Safety Data Sheet

Delon Laboratories (1990) Inc.  
Pointe-Claire, QC, Canada, H9R1E2

### Emergency Telephone Number

**Company Emergency Number:** 514-685-9966

**24 Hour Number:** 613-996-6666 (CANUTEC)

## 2. HAZARDS IDENTIFICATION

### Classification

Flammable liquids – Category 2  
Skin corrosion/irritation – Category 2  
Serious eye damage/eye irritation – Category 2B  
Specific target organ toxicity (single exposure) – Category 3  
Target Organs – respiratory system

### Label Elements



**Signal word:** Danger

## **Hazard Statements**

Highly flammable liquid and vapor.

Causes skin irritation.

Causes eye irritation.

May cause respiratory irritation.

## **Precautionary Statements – Prevention**

If medical advice is needed, have the product container or label at hand.

Keep out of the reach of children.

Read label before use.

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

Keep container tightly closed.

Ground/Bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust/fume/gas/mist/ vapors/spray.

Wash hands thoroughly after handling.

Wear protective gloves/ eye protection/face protection.

Use only outdoors or in a well-ventilated area.

## **Precautionary Statements – Response**

### **Eyes**

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/attention.

### **Skin**

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

### **Inhalation**

If inhaled: Remove person to fresh air and keep comfortable for breathing.

Call a poison center/doctor if you feel unwell.

### **Ingestion**

N/A

### **Fire**

In case of fire: Use CO2, dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Spill**

N/A

**Precautionary Statements – Storage**

Store in a well ventilated place. Keep cool.

Keep container tightly closed.

Store locked up.

**Precautionary Statements – Disposal**

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

**Hazards not otherwise classified (HNOC)**

N/A

**Other information**

N/A

**Interaction with other Chemicals**

N/A

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight - %	Trade Secret
Ethyl Alcohol	64-17-5	62	

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

**4. FIRST AID MEASURES****First aid measures****General Advice**

N/A

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention immediately.

**Skin Contact**

Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and wash before reuse. Seek medical attention, if skin irritation occurs.

**Inhalation**

If breathing is difficult, remove victim to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion**

Do not induce vomiting. Obtain medical attention immediately.

**Self-protection of the first aider**

N/A

**Most important symptoms and effects, both acute and delayed**

Breathing difficulties. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, faintness, drowsiness, nausea and vomiting.

**Indication of any immediate medical attention and special treatment needed**

N/A

**Notes to Physician**

Treat symptomatically.

<b>5. FIRE-FIGHTING MEASURES</b>
----------------------------------

**Suitable Extinguishing Media**

Use alcohol-resistant foam for large fire. Use dry chemical or carbon dioxide for small fires.

**Unsuitable Extinguishing Media**

Water may be ineffective for large open pools of alcohol. Do not use a solid water stream as it may scatter and spread fire.

**Specific Hazards Arising from the Chemical**

Flammable. Risk of ignition. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Containers may explode when heated.

**Hazardous Combustion Products**

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Formaldehyde.

**Explosion Data**

**Sensitivity to Mechanical Impact:** N/A

**Sensitivity to Static Discharge:** N/A

### **Special protective equipment and precautions for fire-fighters**

Self-contained breathing apparatus and full protective gear must be worn in case of fire.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Protective equipment and precautions for firefighters**

#### **Personal Precautions**

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges. Do not get in eyes, on skin, or on clothing.

#### **Protective Equipment**

Wear protective gloves/protective clothing, eye protection/ face protection.

#### **Emergency Procedures**

Remove all sources of ignition. Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment.

### **Environmental Precautions**

#### **Environmental Precautions**

Should not be released into the environment.

### **Methods and material for containment and cleaning up**

#### **Methods for containment and cleaning up**

Remove all sources of ignition. Contain spilled material. Clean spilled product with a suitable absorbent material. Keep in suitable, closed containers for disposal.

## **7. HANDLING AND STORAGE**

### **Precautions for safe Handling**

#### **Handling**

Wear personal protective equipment. Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Do not breathe vapors or spray mist. Do not ingest. Use spark-proof tools and explosion-proof equipment.

### **Conditions for safe storage, including any incompatibilities**

#### **Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

#### **Incompatible Products**

N/A

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **Control Parameters**

#### **Exposure Guidelines**

N/A

#### **Appropriate Engineering Controls**

#### **Engineering Measures**

Ensure adequate ventilation, especially in confined areas. Use explosion-proof electrical/ventilating/lighting/equipment. Ensure that eyewash stations and safety showers are close to the workstation location.

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

#### **Eye/Face Protection**

Where there is potential for eye contact, wear chemical goggles, and have eye flushing equipment immediately available.

#### **Skin and Body Protection**

Wear appropriate protective gloves and clothing to prevent skin exposure.

#### **Respiratory Protection**

Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

#### **Hygiene Measures**

Follow general industrial hygiene practices.

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

These properties should not be taken as specifications of the product.

**Physical State:** Semi-solid.

**Appearance:** Clear, viscous gel.

**Color:** Colorless.

**Odor:** Characteristic.

**Property**

**pH:** 6.0-8.2

**Melting/freezing Point:** N/A

**Boiling point/boiling range of Ethyl Alcohol:** 78.3 °C

**Flash Point of Ethyl Alcohol:** 16°C (c.c.)

**Flammability (solid,gas) :** N/A

**Flammability Limit in air**

**Upper flammability limit:** N/A

**Lower flammability limit:** N/A

**Vapor Pressure:** N/A

**Specific Gravity:** 0.850-0.896

**Water Solubility:** N/A

**Partitions coefficient:** N/A

**Autoignition temperature:** N/A

**Decomposition temperature:** N/A

**Kinematic viscosity:** 25000-40000 cps

**Other Information**

**Softening Point:** N/A

**VOC Content (%):** N/A

**Particle Size:** N/A

**Particle Size Distribution:** N/A

## 10. STABILITY AND REACTIVITY

**Reactivity**

N/A

**Chemical Stability**

Stable under normal conditions of use.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Incompatible products. Heat, flames and sparks and other sources of ignition.

**Incompatible Materials**

Oxidizing materials.

**Hazardous Decomposition Products**

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Formaldehyde.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

N/A

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl Alcohol	7,060 mg/kg (Rat)	20,000 mg/kg (Rabbit)	31,623 ppm, 4h. ( Rat )

### Information on toxicological effects

#### Symptoms

N/A

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Sensitization

N/A

### Mutagenic Effects

#### Mutagenicity

N/A

#### Carcinogenicity

N/A

#### Reproductive Toxicity

N/A

#### STOT – single exposure

N/A

#### STOT – repeated exposure

##### Chronic Toxicity

Liver.

##### Target Organ Effects

N/A



**Aspiration Hazard**

N/A

**Numerical Measures of Toxicity Product Information**

N/A

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Chemical Name	Species	Test Results
Ethyl Alcohol	Fresh water Algae	1,000 mg/l, 96h (EC <sub>50</sub> )
	Fish (rainbow trout)	>10,000 mg/l, 96h (LC <sub>50</sub> )
	Fish (fathead minnow)	>13,400 mg/l, 96h (LC <sub>50</sub> )
	Pseudomonas putida	6,500 mg/l

**Persistence and Degradability**

N/A

**Bioaccumulation**

N/A

**Mobility in soil**

N/A

**Other adverse effects**

N/A

**13. DISPOSAL CONSIDERATIONS****Waste treatment Methods****Disposal methods**

Dispose of in accordance with all local/regional/national/international regulations.

**Contaminated packaging**

N/A

**US EPA Waste Number**

N/A

California Hazardous Waste Codes

N/A

## 14. TRANSPORT INFORMATION

**DOT**

**UN-No.** UN1170

**Proper Shipping Name:**

Ethanol

**Hazard Class:** 3

**Packing Group:** II

**TDG**

**UN-No.** UN1170

**Proper Shipping Name:**

Ethanol

**Hazard Class:** 3

**Packing Group:** II

**IATA**

**UN-No.** UN1170

**Proper Shipping Name:**

Ethanol

**Hazard Class:** 3

**Packing Group:** II

**IMDG/IMO**

**UN-No.** UN1170

**Proper Shipping Name:**

Ethanol

**Hazard Class:** 3

**Packing Group:** II

## 15. REGULATORY INFORMATION

**International Inventories**

N/A

**US Federal Regulations**

**SARA 313**

N/A

**SARA 311/312 Hazard Categories**

N/A

**CWA (Clean Water Act)**

N/A

**CERCLA**

N/A

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals: Ethyl alcohol is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

**U.S. State Right to Know Regulations**

N/A

**EPA Pesticide Registration Number**

N/A

**EPA Statement**

N/A

**Canada****WHMIS Hazard Class**

N/A

**16. OTHER INFORMATION**

**Prepared By** Delon Laboratories (1990) Inc.  
75 Boulevard Hymus  
Pointe-Claire, QC, H9R 1E2

**Issuing Date** 13-Feb-2020

**Revision Date**

**Revision Note**

**Disclaimer:** The information in this SDS was obtained from sources which we believe are reliable. However, the above information is provided without warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not

assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product