

SAFETY DATA SHEET

Issuing Date: 2-Feb-2016

Revision Date: 27-Jan-2020

Revision Number: 3

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 2A
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 serious 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 vapors.
Wash hands thoroughly after handling.
Wear protective gloves/ eye protection/face protection.

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.

5. FIRE-FIGHTING MEASURES

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 (CO₂), 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.

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 (CO₂), 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

Aspiration hazard.

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 ₅₀)
	Fish (rainbow trout)	>10,000 mg/l, 96h (LC ₅₀)
	Fish (fathead minnow)	>13,400 mg/l, 96h (LC ₅₀)
	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.
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Revision Note

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