

Material Safety Data Sheet

for Health and Beauty Products

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Uline Hand Sanitizer
Item Number: 370AB
Distributor Address: Uline Shipping Supplies
12575 Uline Drive
Pleasant Prairie, WI 53158
General Information Contact:
Phone: 800-295-5510

In Case of Spill Emergency Contact: Chemtrec: 1-800-424-9300 (24-Hour)

2. HAZARDS IDENTIFICATION FOR INDUSTRIAL SETTING

WARNING!

Emergency Overview

FLAMMABLE LIQUID AND VAPOR

Irritating to eyes

Vapors may be irritating to eyes, nose, throat, and lungs

May cause central nervous system depression if ingested

Appearance: Clear to slightly hazy,
colorless viscous liquid

Physical State: Viscous liquid

Odor: Sweet, Alcohol, Light Floral

Potential Health Effects

Primary Routes of Exposure

Skin contact.

Acute Toxicity

Eyes

May cause irritation.

Skin

Prolonged contact may cause irritation.

Inhalation

Not an expected route of exposure.

Ingestion

Not an expected route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects

None known.

Aggravated Medical Conditions

Central nervous system. Pre-existing eye disorders. Skin disorders. Respiratory disorders.

Interactions with Other Chemicals

None known.

Environmental Hazard

See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Ethyl Alcohol	64-17-5	50-100
Water	7732-18-5	10-50
Glyceryl Caprylate/Caprate	91744-32-0	0-10
Glycerin	56-81-5	0-10
Isopropyl Myristate	110-27-0	0-10
Tocopheryl Acetate	10191-41-0	0-10
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	N/A	0-10
Fragrance	Fragrance	0-10
Benzophenone-4	4065-45-6	0-10

4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin Contact	In the case of skin irritation or allergic reactions see a physician.
Inhalation	If symptoms persist, call a physician.
Ingestion	Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.
Notes to Physician	Treat symptomatically.
Protection of First-aiders	Ensure that medical personnel are aware of the material(s) involved.

5. FIRE-FIGHTING MEASURES

Flammable Properties	HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Containers may explode when heated. Many liquids are lighter than water.
Flash Point	22C / 72F
Suitable Extinguishing Media	Dry chemical, CO ₂ , water spray or alcohol-resistant foam. Water spray, fog or alcohol-resistant foam Use water spray or fog; do not use straight streams.
Uniform Fire Code	• Flammable Liquid: I-B
Unsuitable Extinguishing Media	CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Mechanical Impact	No.
Specific Hazards Arising from the Chemical	Flammable. Vapors may travel to source of ignition and flash back.
Sensitivity to Static Discharge	Yes.
Protective Equipment and Precautions for Firefighters	
Move containers from fire area if you can do it without risk. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	
NFPA	Health Hazard 1 Flammability 3 Stability 0 Physical and Chemical Hazards – NONE

6. ACCIDENTAL RELEASE MEASURES FOR INDUSTRIAL SETTING

Personal Precautions	Remove all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. For external use ONLY.
Environmental Precautions	Refer to protective measures listed in Section 7 and 8.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Use clean non-sparking tools to collect absorbed material. Ground and bond containers when transferring material. Clean contaminated surface thoroughly.
Other Information	Water spray may reduce vapor; but may not prevent ignition in closed spaces.

7. HANDLING AND STORAGE FOR INDUSTRIAL SETTING

Handling	Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with eyes.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION FOR INDUSTRIAL SETTING

Exposure Guidelines There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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 mg/m ³
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	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Measures
Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection
Skin and Body Protection
Respiratory Protection

Tightly fitting safety goggles.
No special protective equipment required.
No protective equipment is 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to slightly hazy, colorless viscous liquid	Odor	Sweet, Alcohol, Light Floral.
Odor Threshold	No information available	Physical State	Viscous liquid
pH	7.1	Autoignition Temperature	No information available
Flash Point	72F / 22C	Boiling Point/Range	78°C / 172°F
Decomposition Temperature	No information available	Explosion Limits	No information available
Melting Point/Range	No information available	Solubility	No information available
Flammability Limits in Air	No information available	Vapor Pressure	No data available
Water Solubility	Miscible with water	VOC Content (%)	64.4351
Evaporation Rate	No information available		
Vapor Density	No data available		
Partition Coefficient: n-octanol/water			

10. STABILITY AND REACTIVITY FOR INDUSTRIAL SETTING

Stability	Stable under recommended storage conditions.
Incompatible Products	Strong oxidizing agents. Acids. Chlorinated compounds.
Conditions to Avoid	Heat, flames and sparks.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

When used in accordance with the directions.

11. TOXICOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

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

Acute Toxicity

Product Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl Alcohol	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h
Water	> 90 mL/kg (Rat)	-	-
Glycerin	= 12600 mg/kg (Rat)	> 21900 mg/kg (Rat)	-
Isopropyl Myristate	> 10000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	41 mg/l (Rat) 1 h
Benzophenone-4	= 3530 mg/kg (Rat)	-	-

Chronic Toxicity

Chronic Toxicity

None known.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethyl Alcohol	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 & Health Administration)

X - Present

Target Organ Effects

Blood. Central nervous system (CNS). Eyes. Liver. Reproductive system. Respiratory system. Skin.

12. ECOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

13. DISPOSAL CONSIDERATIONS FOR INDUSTRIAL SETTING

Waste Disposal Methods

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging

Dispose of in accordance with local regulations.

US EPA Waste Number

D001

California Hazardous Waste Codes

331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California EHW	California Carc	California Hazardous Waste	California Waste - Part 2
Ethyl Alcohol			Toxic Ignitable	Recyclable Hazardous Wastes

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Revision Date: None

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Revision Number: 0

14. TRANSPORT INFORMATION

**Emergency Response Guide
Number** 127

DOT

Description CONSUMER COMMODITY, ORM-D

TDG

Description UN1170, ETHANOL, 3, PG III

MEX

Description UN1170, ETHANOL, 3, III

ICAO

Description UN1170, ETHANOL SOLUTION, 3, PG III

IATA

Description UN1170, ETHANOL SOLUTION, 3, PG III

IMDG/IMO

Description UN1170, ETHANOL, 3, PG III, FP 22C

15. REGULATORY INFORMATION FOR INDUSTRIAL SETTING

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

International Inventories

TSCA Exempt
DSL -

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any ingredients which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following ingredients which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Glycerin	56-81-5	0-10		Group II		

CERCLA

This material, as supplied, does not contain any ingredients regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

U.S. State Regulations

California Proposition 65 – NONE

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations for Industrial Setting

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Ethyl Alcohol	X				
Glycerin	X	X	X		X

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International Regulations

Mexico - Grade Serious risk, Grade 3

Chemical Name	Carcinogen Status	Exposure Limits
Ethyl Alcohol		Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m ³
Glycerin		Mexico: TWA 10 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

B2
D2B



Legend

NPRI - National Pollutant Release Inventory

16. OTHER INFORMATION

Issuing Date October 29, 2012

Revision Date None

Revision Note None

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

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End of Safety Data Sheet