



# Advanced Hand Sanitizer

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Advanced Hand Sanitizer  
 Product size : 2oz/60ml, 4oz/120ml, 6oz/180ml, 8oz/236ml, 16oz/500ml, 1 gallon/3,784.4ml  
 Product code : Fragranced

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Hand sanitizer  
 Use advised against : None identified

#### 1.3. Details of the supplier of the safety data sheet

Valley of the Sun Cosmetics, LLC  
 535 Patrice Place  
 Gardena, CA 90248  
 Tel: 310-327-9062  
 cleanbeautyconcepts.com

#### 1.4. Emergency telephone number

Emergency number : For Emergency only, Call CHEMTREC (24 HOURS)  
 1-800-424-9300 (US and Canada)  
 1-703-527-3887 (International)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

Flammable Liquid, Category 2  
 Eye Damage/Irritation, Category 2A  
 Sensitization-skin, Category 1

#### 2.2. Label elements

##### Labelling

Hazard pictograms :



Signal word :

Danger

Hazard statements :

Highly flammable liquid and vapour  
 May cause an allergic skin reaction  
 Causes serious eye irritation

Precautionary statements :

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 Keep container tightly closed.  
 Ground and bond container and receiving equipment.  
 Use explosion-proof electrical/ventilating/lighting/equipment.  
 Use non-sparking tools.  
 Take action to prevent static discharges.  
 Avoid breathing mist/vapors/spray.  
 Wash hands and exposed skin thoroughly after handling.  
 Wear protective gloves/eye protection.  
 Contaminated work clothing must not be allowed out of the workplace.  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
 If on skin: Wash with plenty of water.



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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.  
If skin irritation or rash occurs: Get medical advice/attention.  
In case of fire: Use water spray, dry powder or carbon dioxide to extinguish.  
Store in a well-ventilated place. Keep cool.  
Dispose of contents in accordance with local, state or national legislation.

### 2.3. Other hazards

Other hazards which do not result in : Spills of this product present a serious slipping hazard.

### 2.4. Unknown acute toxicity

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixture

Name	Product identifier (CAS No.)	% w/w
ethanol ethyl alcohol	64-17-5	70
glycerol	56-81-5	1.45
hydrogen peroxide solution	7722-84-1	0.125
Acrylates/C10-C30 alkyl acrylate cross polymer	Trade secret	0.20
Eucalyptus globulus, ext.	84625-31-1	0.1 – 0.5

The specific chemical component identities and/or the exact component percentages of this material may be withheld as trade secrets.

This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (I)(1).

Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, mutagen, and reproductive toxicant, respiratory tract and skin sensitizers in addition to oral/inhalation acute toxicant in category 1 and 2). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : 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.  
First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician

### 4.2. Most important symptoms and effects, both acute and delayed

Contact to eyes causes serious eye irritation. Symptoms include stinging, watering, redness, and swelling. May cause irritation, allergic contact dermatitis.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Water jet spray

### 5.2. Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. May decompose in a fire, giving off toxic and irritant vapours.



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### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.
- Other information : Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing, gloves and eye/face protection.

### 6.2. Environmental precautions

This material and its container must be disposed of in a safe way.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Containers must not be punctured or destroyed by burning, even when empty.

### 6.4. Reference to other sections

Refer to section 8 and 13 for additional information on personal protection equipment and waste disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep cool.
- Storage temperature : Ambient.
- Storage life : Stable under normal conditions.
- Incompatible materials : None known.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Ethyl alcohol (Ethanol)	64-17-5	1000	1900			OSHA PEL Z-1
Ethyl alcohol; ethanol	64-17-5	1000	1900			OSHA PEL
Ethyl alcohol (Ethanol)	64-17-5	1000				NIOSH REL Z-1
Ethanol (Ethyl alcohol)	64-17-5			1000	1880	ACGIH TLV
Glycerin (mist) (Total dust)	56-81-5		15			OSHA PEL Z-1
Glycerin (mist) (Respirable fraction)	56-81-5		5			OSHA PEL Z-1
Glycerin (mist) (Total dust)	56-81-5		15			Comp, OSHA PEL Z-1
Hydrogen peroxide	7722-84-1	1	1.4			OSHA PEL Z-1



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Hydrogen peroxide, as H <sub>2</sub> O <sub>2</sub>	7722-84-1	1	1.4			OSHA PEL
Hydrogen peroxide	7722-84-1	1				NIOSH REL Z-1
Hydrogen peroxide	7722-84-1	1	1.4			ACGIH TLV

Remark	Notes
OSHA PEL Z-1	Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) from 29 CFR 1910.1000 Z-1 Table
OSHA PEL	Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs).
NIOSH REL Z-1	National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limits (RELs) from the NIOSH Pocket Guide to Chemical Hazards table Z-1: Up to 10-hour time weighted average (TWA) during a 40-hour work week
ACGIH TLV	The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®) 2018

### 8.2. Exposure controls

Appropriate engineering controls	: Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.
Personal protective equipment	: Handle in accordance with good industrial hygiene and safety practices. Avoid all unnecessary exposure. For certain operations, additional Personal Protection Equipment (PPE) may be required.
Hand protection	: Wear protective clothing and gloves: Impervious gloves
Eye protection	: Wear eye protection with side protection
Skin and body protection	: In case of repeated or prolonged exposure : Personal protective clothing should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling.
Respiratory protection	: Normally no personal respiratory protection is necessary.
Other information	: Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear gel
Color	: Colorless
Odor	: Alcohol-like
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 172 °F (78 °C) estimated
Flash point	: ca 68 °F (20 °C) estimated
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.83 (water=1)
Solubility	: Soluble in water
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available



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### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

None anticipated

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4. Conditions to avoid

Avoid friction, sparks, or other means of ignition.

### 10.5. Incompatible materials

Not known.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

Acute toxicity - Ingestion	: Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 400000.00000
Acute toxicity - Skin Contact	: Not classified.
Acute toxicity - Inhalation	: Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 8800.00000
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Calculation method : Causes serious eye irritation
Respiratory or skin sensitization	: Calculation method : May cause an allergic skin reaction
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (No carcinogen substances in IARC, NTP or OSHA cited.)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

### 11.2 Other information

: Not known



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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology – Aquatic invertebrates	: Low toxicity to invertebrates.
Toxicity - Fish	: Low toxicity to fish.
Toxicity - Algae	: Low toxicity to algae.
Toxicity - Sediment Compartment	: Not classified.
Toxicity - Terrestrial Compartment	: Not classified.

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Effect on ozone layer	: No additional information available
Effect on the global warming	: No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations	: Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor. Send to a licensed recycler, reclaimer or incinerator. Dispose at suitable refuse site.
Ecology - waste materials	: Avoid release to the environment.

### SECTION 14: Transport information

#### 14.1 UN number

UN No. 1987

#### 14.2 UN proper shipping name

UN proper shipping name ALCOHOLS, N.O.S.

#### 14.3 Transport hazard class(es)

ADR/RID

ADR/RID Class	3
ADR Classification Code	F1
Special Provisions	274 601 640C
Limited Quantities	1 L
Excepted Quantities	E2
Emergency Action Code	•3YE
Mixed Packing Instructions for Packages	P001
Special Packing Provisions for Packages	
Mixed Packing Instructions for Packages	MP19
Packing Instructions for Portable Tanks	T7



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Special Provisions for Portable Tanks	TP1 TP8 TP28
Tank Code for Tanks	L1.5BN
Special Provisions for Tanks	
Vehicle for Tank Carriage	FL
ADR Transport Category	2
Tunnel Restriction Code	D/E
Special Provisions for Carriage - Packages	
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading, Unloading and Handling	
Special Provisions for Carriage - Operation	S2 S20
ADR HIN	33
IMDG	
IMDG Class	3
Special Provisions	274 601 640C
Limited Quantities	1 L
Excepted Quantities	E2
Mixed Packing Instructions for Packages	P001
Special Packing Provisions for Packages	
Packing Instructions for Portable Tanks	T7
Special Provisions for Portable Tanks	TP1 TP8 TP28
IMDG EMS	F-E, S-D
Stowage and Handling	Category B
Segregation	
Marine Pollutant	
ICAO/IATA	
IATA Proper Shipping Name	ALCOHOLS, N.O.S.
Excepted Quantities	E1
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y344
Passenger and Cargo Aircraft Limited Quantities Max net Qty	10L
Passenger and Cargo Aircraft Packing Instructions	355
Passenger and Cargo Aircraft Max net Qty	60L
Cargo Aircraft Packing Instructions	366
Cargo Aircraft Max net Qty	220L
Special Provisions	A3, A180
Emergency Response Guidebook (ERG) Code	3L
Labels	
Labels	3



#### 14.4 Packing group

Packing group II

#### 14.5 Environmental hazards

Environmental hazards Not classified as a Marine Pollutant.

#### 14.6 Special precautions for user



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Special precautions for user Not known.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No information available

## SECTION 15: Regulatory information

### 15.1 US Federal Regulations

Toxic and hazardous substances (29 CFR 1910; Subpart Z)	Listed : 64-17-5, 56-81-5, 7722-84-1
National emission standards for hazardous air pollutants (40 CFR 61.01)	Not listed
SARA Title III Section 313	Not listed
TSCA (Toxic Substance Control Act)	Listed : 64-17-5 (Active), 7732-18-5 (Active), 56-81-5 (Active), 7722-84-1 (Active), 124-68-5 (Active)
CAA 602 - Ozone Depleting Substances (ODS)	Not listed

### 15.2 US State Regulations

State Right to Know Lists	
Proposition 65 (California)	Not listed
Minnesota	Listed : 64-17-5, 56-81-5, 7722-84-1
New Jersey	Listed : 64-17-5, 56-81-5, 7722-84-1, 124-68-5
Pennsylvania	Listed : 64-17-5, 56-81-5, 7722-84-1, 124-68-5
Rhode Island	Listed : 64-17-5, 56-81-5

### 15.3 Other

OSPAR List of Chemicals for Priority Action	Not listed
OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives)	Listed : 7722-84-1
NTP (National Toxicology Program )	Not listed
IARC (International Agency for Research on Cancer )	Listed : 64-17-5, 7722-84-1

## SECTION 16: Other information

Indication of changes	: Not applicable
Revision date	: Not applicable

Acronyms	ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road CAS : Chemical Abstracts Service IATA : International Air Transport Association IBC : Intermediate Bulk Container ICAO : International Civil Aviation Organization IMDG : International Maritime Dangerous Goods LTEL : Long term exposure limit RID : Regulations concerning the International Carriage of Dangerous Goods by Rail STEL : Short term exposure limit STOT : Specific Target Organ Toxicity UN : United Nations
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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

Custom code: FFC4