

Hardy Diagnostics

Safety Data Sheet

1. Product And Company Identification

1.1. Product identifiers

Product Name: **AloeSafe™ Antiseptic Hand Sanitizer**

Other Common Names: None

Catalog Number: AS4HD

1.2. Recommended use

Hand sanitizer

1.3. Details of the supplier of this Safety Data Sheet

Company: Hardy Diagnostics
 1430 West McCoy Lane
 Santa Maria, CA 93455

Telephone: (805) 346-2766

(800) 266-2222

Emergency Phone: (800) 424-9300 ChemTrec (24hr service)


2. Hazards Identification

2.1. Classification of substance or mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS)

Flammable Liquid (Category 2), H225

2.2. GHS Label elements, including precautionary statements

Pictogram:	
Signal Word:	Danger
Hazard Statements:	
H225	Highly flammable liquid and vapour
Precautionary Statements:	
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 equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P280	Wear appropriate personal protective equipment.
P303+P361+353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P370+P378	In case of fire: Use alcohol type foam, carbon dioxide, or dry chemical to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents or container at an approved waste disposal facility, according to applicable regulations.

2.3. Hazards not otherwise classified or not covered by GHS

No data available.

3. Composition/Information on Ingredients

3.1. Mixtures

Hazardous components:

Substance:	Concentration:	Hazard Information:
Ethanol (CAS# 64-17-5)	62.0%	Flammable Liquid 2
Diisopropylamine (CAS# 108-18-9)	<1.0%	Flammable Liquid 2

4. First Aid Measures

4.1. Description of first aid measures

Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration and immediately seek medical attention.
Ingestion:	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical advice.
Skin Contact:	If irritation develops, cease using the product and get medical attention.
Eye Contact:	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, keeping eyelids open. If irritation persists, consult a physician.

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

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

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

No data available.

5. Firefighting Measures

5.1. Extinguishing media

Carbon dioxide, dry chemical powder, or appropriate foam.

5.2. Special hazards arising from the substance or mixture

Pyrolysis will release toxic oxides such as carbon monoxide.

5.3. Advice for firefighters

In the event of a fire, wear protective clothing and NIOSH-approved breathing apparatus necessary to prevent any possible irritation.

5.4. Further information

No data available.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Absorb with a suitable absorbent (such as paper towels) and dispose.

Environmental precautions

No data available.

6.2. Methods and materials for containment and cleaning up

Wipe up with a damp sponge or mop.

6.3. Reference to other sections

For disposal, see section 13.

7. Handling and Storage

7.1. Precautions for safe handling

Wear appropriate personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a cool, dry place in accordance with specified storage conditions.

7.3. Specific end uses

Apart from uses mentioned in section 1.2, not other specific uses are stipulated.

8. Exposure Controls/Personal Protection

8.1. Control parameters

No data available.

8.2. Appropriate engineering controls

Safety shower and eye bath.

8.3. Personal protective equipment

Eye/Face:	None for normal use
Skin:	None for normal use
Respiratory:	None for normal use
Thermal Hazards:	None for normal use

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Physical State: Liquid Color: Clear, colorless
Odor:	Alcohol
Odor Threshold:	Not Determined
pH:	Not Determined
Melting/Freezing Point:	Not Determined
Boiling Point:	172°C
Flash Point:	Not Determined
Evaporation Rate:	1
Flammability:	Not Determined
Explosion Limits:	Not Determined
Vapor Pressure:	52 @ 20°C
Vapor Density:	(Air = 1): 2
Relative Density:	0.885 g/ml
Water Solubility:	Infinitely miscible with water
Partition coefficient (n-octanol/water):	Not Determined
Auto-ignition Temperature:	Not Determined
Decomposition Temperature:	Not Determined
Viscosity:	Not Determined

Explosive Properties:	Not Determined
Oxidizing Properties:	Not Determined

9.2. **Other safety information**

No data available.

10. Stability and Reactivity

Reactivity	No data available.
Chemical stability	Freezes only at extreme low temperature
Possibility of hazardous reactions	No data available.
Conditions to avoid	Heat, flame, and sources of ignition
Incompatible materials	Oxidizers
Hazardous decomposition products	No dangerous decomposition products known

11. Toxicological Information

11.1. **Information on toxicological effects**

Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity – single exposure	No data available
Specific target organ toxicity – repeated exposure	No data available
Aspiration Hazard	No data available
Additional information	No data available.

12. Ecological Information

Toxicity	None expected
Persistence and degradability	Biodegradable
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Other adverse effects	No data available

13. Disposal Considerations

13.1. **Waste disposal**

Dispose of in accordance with applicable state and federal regulations.

Disposal must be in accordance with regulations 40 CFR 261.

14. Transport Information

DOT hazard class	Class 3
Shipping name	Ethanol Solution
Identification number	UN1170
Packing group	II



***NOTE:** Bottles smaller than 32 fl. Oz. are eligible to be shipped under ORM-D or limited quantity exemptions [49 CFR section 173.150(b)(2), 173.150(C), and IATA Y341].

15. **Regulations**

Carcinogenicity	Yes/No
NTP:	No
IARC:	No
OSHA:	No
California Prop 65:	No
IATA:	Yes. See Above.

16. **Other Information**

The above information, to the best of our knowledge, is accurate. Hardy Diagnostics assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist.

HARDY DIAGNOSTICS

1430 West McCoy Lane, Santa Maria, CA 93455, USA

Phone: (805) 346-2766 ext. 5658

Fax: (805) 346-2760

Website: www.HardyDiagnostics.com

Email: TechService@HardyDiagnostics.com

Distribution Centers:

California · Washington · Utah · Arizona · Texas · Ohio · New York · Florida · North Carolina