



SAFETY DATA SHEET

Issue Date: 24-May-2020

Revision Date: 24-May-2020

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Handi-Kleen 70% (Eth) Alcohol Hand Sanitizer

Other means of identification

SDS # n/a

Other Information n/a

Recommended use of the chemical and restrictions on use

Recommended Use Hand Sanitizer

Restrictions on Use n/a

Details of the supplier of the safety data sheet

Distributor Address

Atlantic Chemical & Equipment
3471 Atlanta Industrial Parkway
Suite 200
Atlanta, GA 30331 USA

Emergency telephone number

Company Phone Number 404-505-6626

1-800-929-2436

Emergency Telephone Chemtrec 1-800-424-9300 (USA) 1-800-567-7455 (International)

2. HAZARDS IDENTIFICATION

Classification

Health Hazards Eye Irritation, category 2a

Physical Hazards Flammable Liquid, category 2

Hazard communication

Signal Word DANGER



Hazard Pictograms

Hazard Statements Causes serious eye irritation.
Highly flammable liquid and vapor.

Prevention Statements	Keep away from heat, sparks, open flames, and hot surfaces.-No smoking. Use only non-sparking tools. Take precautionary measures against static discharge.
Response Statements	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. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IN CASE OF FIRE: Use sand, carbon dioxide, or dry chemical to extinguish.
Storage Statements	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal Statements	Dispose of container in accordance with local regulations.

Hazards not otherwise classified (HNOC)

None known

Other Information

Less than 0% of the mixture consists of ingredients of unknown acute toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ethyl Alcohol	CAS: 64-17-5	UNII: 3K9958V90M	70%
---------------	--------------	------------------	-----

Specific concentrations of each hazardous ingredient is considered a TRADE SECRET.

4. FIRST AID MEASURES

First aid measures

In case of inhalation	Move to fresh air. Administer artificial respiration if not breathing.
In case of skin contact	Mixture is intended to be used for topical skin application.
In case of eye contact	Rinse with water until more comfortable.
In case of swallowing	Do NOT induce vomiting. Rinse mouth with water.

Most important symptoms and effects

None known

Indications of immediate medical attention

Immediate medical attention isn't anticipated to be required due to exposure.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Sand, dry chemical, or carbon dioxide
Unsuitable extinguishing media	Water jet
Special protective equipment	Not applicable
Precautions for fire-fighters	Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate protective equipment
Protective equipment	For personal protection see section 8
Emergency procedures	Evacuate non-mandatory personnel
Containment and clean up	Soak up with an absorbent material

7. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with eyes. Do not smoke while handling.
Conditions for safe storage	Keep tightly closed in original container.
Incompatible materials	Not applicable
Storage class	Not determined.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure guidelines

Ethyl Alcohol	PEL: 1900 mg/m ³
	NIOSH: 1900 mg/m ³
	ACGIH: 1900 mg/m ³

Appropriate engineering controls

Ensure adequate mechanical ventilation.

Personal protective equipment

Eye/face protection	Safety goggles to prevent eye splash exposure
Skin protection	Not applicable
Respiratory protection	Not applicable
General hygiene	Practice good industrial hygiene by washing hands after use

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Liquid	Upper explosive limit	13.5% (v)
Odor	Alcohol	Lower explosive limit	2.5% (v)
Odor threshold	No data	Vapor pressure	No data
pH	7	Vapor density	No data
Melting point	-144°C (sda)	Relative density	0.79 (water = 1)
Freezing point	No data	Solubility	No data
Boiling point	78.29°C (sda)	Partition coefficient	No data
Flash point	13°C (closed cup; sda)	Auto-ignition temp	No data
Evaporation rate	No data	Decomposition temp	No data
Flammability	Flammable liquid	Viscosity	No data

10. STABILITY AND REACTIVITY

Reactivity	No data
Chemical stability	Stable under normal conditions
Hazardous reactions	No data
Conditions to avoid	No data
Incompatible materials	None known
Hazardous decomposition	No data

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics

No data

Delayed and immediate effects and also chronic effects from short- and long-term exposure

No data

Numerical measures of toxicity

Not considered toxic

Carcinogenicity

NTP Not listed

IARC Not listed

12. ECOLOGICAL INFORMATION

Ecotoxicity Not considered hazardous to environment

Persistence No data

Degradability No data

Bioaccumulative

potential No data

Mobility in soil No data

Other adverse effects No data

13. DISPOSAL CONSIDERATIONS

Offer mixture to a licensed waste disposal company for appropriate removal and disposal of chemicals.

14. TRANSPORT INFORMATION

UN Number UN1987

Proper shipping name Alcohols, n.o.s.

Hazard class 3 (Flammable Liquid)

Packing group II

Environmental hazard No

Transport in bulk No data

Special precautions No data

Limited Qty exception < 1L (0.3 G)

15. REGULATORY INFORMATION

SARA 302 Not listed

SARA 313 Not listed

California Prop 65 No ingredients listed

16. OTHER INFORMATION

NFPA

Health	2
Flammability	3
Instability	0

HMIS

Health	1
Flammability	3
Physical hazard	0

Issue Date 24-May-2020

Revision Date 24-May-2020

Revision Note Creation

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 a 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.

End of Safety Data Sheet