

Conforms to Hazard Communication Standard 29 CFR 1910.1200

Section 1 - IDENTIFICATION

Product Identifier: Cutter Brand Hand Sanitizer

Other Means of Identification:

Product Code HG-96963; HG-96964

Formula Number 21-1682

Recommended Use: Hand Sanitizer

Recommended Restrictions: Use in accordance with label directions

Manufacturer/Importer/Supplier/Distributor Information:

Company Name Spectrum, Division of United Industries Corporation

Address PO Box 142642, St. Louis, MO 63114-0642

Telephone Number 1-800-837-6688

Emergency Telephone Number:

CHEMTREC (800)424-9300

Medical (866)823-2749

Section 2 - HAZARD(S) IDENTIFICATION

Classification of Substance or Mixture:

Physical Hazard(s) Flammable Aerosol - Category 1
Gases Under Pressure - Compressed Gas

Health Hazard(s) Eye Irritation - Category 2A

Label Elements:

Hazard Pictogram(s)



Signal Word

DANGER

Hazard Statements:

Extremely flammable aerosol
Contains gas under pressure; may explode if heated
Causes serious eye irritation

Precautionary Statements:

Keep away from heat, sparks, open flames, and hot surfaces. - No smoking. Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.
Wash hands thoroughly after handling. Wear eye protection.
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 attention.

Hazard(s) not Otherwise Classified (HNOC): No additional information available

Supplemental Information: None

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS Number	%
Ethanol	n/a	64-17-5	68-83
Water	n/a	7732-18-5	20-23

In accordance with paragraph (d) of 1910.1200, the exact percentage (concentration) has been withheld as a trade secret. Other components are below reportable levels.

Section 4 - FIRST-AID MEASURES

Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation:	Remove to fresh air.
Skin Contact:	None under normal use conditions. If skin irritation occurs: Get medical advice/attention.
Eye Contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eyes wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion:	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
Self-Protection of the First Aider:	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.
Most Important Symptoms/Effects, Acute and Delayed:	May cause redness and tearing of the eyes. Burning sensation. Prolonged contact may cause redness and irritation.
Indication of Immediate Medical Attention & Special Treatment Needed:	Treat symptomatically.

Section 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Dry Chemical, Carbon dioxide (CO ₂), Water spray. Alcohol resistant foam.
Unsuitable Extinguishing Media:	None known based on information supplied.
Specific Hazards Arising from the Chemical:	Sensitive to static discharge. Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special Protective Equipment and Precautions for Firefighters:	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Ventilate the area. Refer to protective measures listed in Sections 7 and 8. Evacuate personnel to safe areas. Use personal protective equipment as required. See Section 8 for more information. Avoid contact with skin, eyes, or clothing. Ensure adequate ventilation. Keep people away from, and upwind of, spill/leak. Do not touch or walk through spilled material. Ventilate the area. Refer to protective measures listed in Sections 7 and 8.
Methods and Materials for Containment and Cleaning Up: Environmental Precautions:	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Report spills as required by local and national regulations. Keep out of drains, sewers, ditches, and waterways.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling:	Consumer Commodity: Contents Under Pressure - Do not pierce or burn after use. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product. Use according to package label instructions. When in bulk form: Use personal protection equipment. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes or clothing.
Conditions for Safe Storage, Including any Incompatibilities:	Keep in a dry, cool, and well-ventilated place. Do not store above 50°C. Keep away from heat, sparks, flame and other sources of ignition (i.e. pilot lights, electric motors, and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with national and local regulations.
NFPA 30B Classification:	Level 1 Aerosol

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:	As a consumer commodity, follow all label directions. The following information is pertinent when product in in large quantities in a workplace or manufacturing setting.
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Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m3 (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m3	IDLH: 3300 ppm TWA: 1000 ppm TWA 1900 mg/m3

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region-specific regulatory bodies.

Appropriate Engineering Controls:

Engineering Controls Showers, Eyewash stations, Ventilation systems.

Individual Protective Measures, Such as Personal Protective Equipment:

- Eye/face protection: Tight sealing safety glasses.
- Skin and body protection: Wear suitable gloves. Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.
- Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
- General hygiene considerations: Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance (physical state, color, etc.):** Colorless liquid when sprayed.
- Odor:** Alcohol
- Odor Threshold:** No data available
- pH:** No data available
- Melting / Freezing Point:** No data available
- Initial boiling point and range:** 78.3°C / 172.9°F
- Flashpoint:** 17.5°C / 63.5°F
- Evaporation Rate:** No data available
- Flammability (solid, gas):** No data available
- Upper/lower flammability or explosive limits:** No data available
- Vapor pressure:** No data available
- Vapor density:** No data available
- Relative density:** 0.85 g/mL

Solubility(ies):	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Heat of Combustion:	17.7 kJ/g

Section 10 - STABILITY AND REACTIVITY

Reactivity:	Normal under normal use conditions.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None under normal processing.
Conditions to avoid:	Avoid heat, flames and sparks.
Incompatible materials:	None known based on information supplied.
Hazardous decomposition products:	None known based on information supplied.

Section 11 - TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure:

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May be harmful if inhaled. May cause drowsiness or dizziness.
Eye Contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin Contact	Specific test data for the substance or mixture is not available. Causes mild skin irritation. Prolonged contact may cause redness and irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics:

May cause redness and tearing of the eyes. Prolonged contact may cause redness and irritation.

Acute Toxicity:

Numerical measures of toxicity

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol 64-17-5	=7060 mg/kg (Rat)	n/a	=124.7 mg/L (Rat) 4h
Water 7732-18-5	>90 mL/kg (Rat)	n/a	n/a

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Classification based on data available for ingredients. May cause skin irritation.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes serious eye irritation.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. Bases on available data, the classification criteria are not met.

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

Chemical name	ACGIH	IARC	NTP	OSHA
Ethanol 64-17-5	A3	Group 1	Known	X

Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity	No information available.
STOT-single/repeated exposure	No information available.
Target organ effects	Eyes, Skin, Respiratory system.
Aspiration hazard	No information available.
Other adverse effects	No information available.
Interactive effects	No information available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: The environmental impact of this product has not been fully investigated. There is no information of effects on Algae/aquatic plants or microorganisms.

Chemical name	Fish	Crustacea
Ethanol 64-17-5	LC50: 12.0 -16.0mL/L (96h, Oncorhynchus mykiss) LC50: >100mg/l (96h, Pimephales promelas) LC50: 13400 - 15100mg/L (96h, Pimephales promelas)	LC50: 9268 - 14221 mg/L (48h, Daphnia magna) EC50: = 2mg/L (48h, Daphnia magna)

Persistence and degradability: No information available.
Bioaccumulation: There is no data for this product.

Component Information

Chemical name	Partition coefficient
Ethanol 64-17-5	-0.32

Other adverse effects: No information available

Section 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

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

Chemical name	California Hazardous Waste Status
Ethanol 64-17-5	Toxic Ignitable

Section 14 - TRANSPORTATION INFORMATION

DOT: UN Number: UN1950
 Proper Shipping Name: Aerosols
 Hazard Class: 2.1
 Packing Group: None
 Limited Quantity: ≤1L

IATA: UN Number: UN1950
 Proper Shipping Name: Aerosols
 Hazard Class: 2.1
 Packing Group: None

IMDG: UN Number: UN1950
 Proper Shipping Name: Aerosols
 Hazard Class: 2.1
 Packing Group: None
 Limited Quantity: ≤1L
 Marine Pollutant: No

Section 15 - REGULATORY INFORMATION

EPA TSCA Inventory: All of the components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

SARA 313:	Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any 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	Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.
CWA (Clean Water Act)	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).
CERCLA	This material, as supplied, contains no substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).
Regulatory Status	This product is manufactured and labeled in compliance with the Federal Food, Drug, and Cosmetic Act, and is exempt from the labeling requirements of the OSHA Hazard Communication Standard. All components of this product are either on the TSCA 8(b) inventory or otherwise exempt from listing.

Disclaimer: Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Section 16 - OTHER INFORMATION

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