

SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Clea' Alcohol Gel Instant Hand Sanitizer, CL11434

PRODUCT USE: HAND SANITIZER

MARKETED BY: Clea Care Essentials

24 Hour Emergency Phone Number for Transportation/Spill/Leak: Chemtel (888) 255-3924

SECTION 2: HAZARDS IDENTIFICATION

GHS INFORMATION

This GHS classification listed below is written for bulk handling and not personal use. For personal use, please follow the directions on the packaging. This SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills.

GHS Classification

Flammable Liquids Category 2

GHS Label Elements

Signal Word:

Danger

Symbols:



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

Precautionary Statements:

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground container and receiving equipment
Use explosion-proof electrical equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves, protective clothing and eye protection.

Response:

-Skin IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

-Specific Treatment: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Fire: In case of fire: Use CO₂, dry chemical, or foam for extinction

Storage: Store in a well-ventilated place. Keep cool

Disposal: Dispose of contents and container in accordance with local, state and federal regulations.

Hazards Not Otherwise Classified: Not Applicable

- Other Information:**
- May be harmful if swallowed.
 - May cause eye irritation.

SECTION 3: COMPONENTS

Hazardous Ingredient(s)	Common name / Synonyms	CAS No.	% wt./wt.
Ethanol	Not available.	64-17-5	60 - 80
Water	Not available.	7732-18-5	15 - 40
1,2-Propanediol	Propylene glycol	57-55-6	0.5 - 1.5
2-Propenoic acid, homopolymer	Polyacrylic acid	9003-01-4	0.1 - 1
1-Propanol, 2-amino-2-methyl-	2-Amino-2-methylpropanol	124-68-5	0.1 - 1
Tetradecanoic acid, 1-methylethyl ester	Isopropyl myristate	110-27-0	0.1 - 1
Urea, N,N''-methylenebis[N'-[3-(hydroxymethyl)-2,5-dioxo-4-imidazolidinyl]-	Imidurea	39236-46-9	0.1 - 1

SECTION 4: FIRST AID MEASURES

Eyes: If in eyes: Rinse cautiously with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Skin: If used as recommended, no first-aid measures are necessary. If in contact with large amounts of product: Rinse skin with water or shower. Call a poison center or doctor if you feel unwell.

Ingestion: If swallowed: Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If breathing or the heart stops, trained personnel should immediately begin artificial respiration (AR) or cardiopulmonary resuscitation (CPR) respectively. Get medical attention immediately.

Inhalation: If used as recommended, no first-aid measures are necessary. If handling large amounts of vapour is inhaled, remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If breathing or the heart stops, trained personnel should immediately begin artificial respiration (AR) or cardiopulmonary resuscitation (CPR) respectively. Get medical attention immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: 55° F

Method: TCC

Flammable Limits: (volume percent in air)

LEL: Not Established

UEL: Not Established

Autoignition Temperature: Not Determined

Fire-Fighting: Keep fire exposed containers cool with water spray. Separate unburning product from fire. Use carbon dioxide, foam, or dry chemical extinguishing medias to put out fires.

Unusual Decomposition Products Under Fire Conditions: None

SECTION 6: ACCIDENTAL RELEASE MEASURES Remove or extinguish all sources of heat or flame

- Emergency Procedures:** As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded.
- Personal Precautions:** Do not touch or walk through spilled material. Use personal protection recommended in Section 8.
- Environmental Precautions:** Dike large spills to prevent ingress into waterways, sewers, basements or confined areas. Clean spills with absorbent and store in marked sealed containers for disposal. Dispose in accordance with all applicable regulations. Flush area with water to remove fire and slippery floor hazard.
- Methods for Containment:** Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors.
- Methods for Clean-Up:** Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.
- Other Information:** See Section 13 for disposal considerations.
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SECTION 7: HANDLING AND STORAGE

- Safe Handling:** Do not swallow. Avoid breathing mist, vapors, or spray. 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 non-sparking tools. Take action to prevent static discharges. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. See Section 8 for information on Personal Protective Equipment.
- Storage:** Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.
- Incompatible Products:** Avoid strong oxidizing and reducing agents
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SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Guidelines

Component

Ethanol [CAS No. 64-17-5]

ACGIH: 1000 ppm (TWA); A3 (2008)

OSHA: 1000 ppm (TWA), 1900 mg/m³ (TWA);

Water [CAS No. 7732-18-5]

ACGIH: No TLV established.

OSHA: No PEL established.

Propylene glycol [CAS No. 57-55-6]

ACGIH: No TLV established.

OSHA: No PEL established.

Polyacrylic acid [CAS No. 9003-01-4]

ACGIH: No TLV established.

OSHA: No PEL established.

2-Amino-2-methylpropanol [CAS No. 124-68-5]

ACGIH: No TLV established.

OSHA: No PEL established.

Isopropyl myristate [CAS No. 110-27-0]

ACGIH: No TLV established.

OSHA: No PEL established.

Imidurea [CAS No. 39236-46-9]

ACGIH: No TLV established.

OSHA: No PEL established.

PEL: Permissible Exposure Limit

TLV: Threshold Limit Value

TWA: Time-Weighted Average

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapour, gas, etc.) below recommended exposure limits. Use explosion-proof electrical, ventilating, and lighting equipment.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Eye/Face Protection: Wear chemical safety goggles. Ensure that eyewash stations are close to the workstation location. Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

Hand Protection: Wear protective gloves. Consult manufacturer specifications for further information.

Skin and Body Protection: Wear protective clothing. Flame resistant clothing that meets the NFPA 2112 and CAN/CGSB 155.20 standards is recommended in areas where material is stored or handled.

Respiratory Protection: If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator, with organic vapor cartridge, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.

General Hygiene Considerations: Handle according to established industrial hygiene and safety practices. Consult a competent industrial hygienist to determine hazard potential and/or the PPE manufacturers to ensure adequate protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Transparent gel.
Color:	Colorless.
Odor:	Neutral chemical.
Odor Threshold:	Not available.
Physical State:	Liquid.
pH:	Not available.
Melting Point / Freezing Point:	Not available.
Initial Boiling Point:	78 °C (172.4 °F) (Ethanol)
Boiling Range:	Not available.
Flash Point:	12 °C (53.6 °F) (Closed Cup - Ethanol)
Evaporation Rate:	Not available.
Flammability (solid, gas):	Not applicable.

Lower Flammability Limit:	Not available.
Upper Flammability Limit:	Not available.
Vapor Pressure:	Not available
Vapor Density:	Not available.
Relative Density:	0.8853 (Water = 1)
Solubilities:	Not available.
Partition Coefficient: n-Octanol/Water:	Not available.
Auto-ignition Temperature:	400 °C (752 °F) (Ethanol)
Decomposition Temperature:	Not available.
Viscosity:	Not available.
Percent Volatile, wt. %:	Not available.
VOC content, wt. %:	Not available.
Density:	0.8837 g/cm ³
Coefficient of Water/Oil Distribution:	Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Contact with incompatible materials. Sources of ignition. Exposure to heat.
Chemical Stability:	Stable under normal storage conditions.
Possibility of Hazardous Reactions:	None known.
Conditions to Avoid:	Contact with incompatible materials. Sources of ignition. Exposure to heat.
Incompatible Materials:	Acids. Strong oxidizers.
Hazardous Decomposition Products:	Not available.

SECTION 11: TOXICOLOGICAL INFORMATION This product is believed to have a low toxicity and should not pose a health hazard

EFFECTS OF ACUTE EXPOSURE

Product Toxicity

Oral:	Not available.
Dermal:	Not available.
Inhalation:	Not available.

Component Toxicity

Component	CAS No.	LD₅₀ oral	LD₅₀ dermal	LC₅₀
Ethanol	64-17-5	7060 mg/kg (rat)	20000 mg/kg (rabbit)	20000 ppm (rat); 10H
Water	7732-18-5	> 90 mL/kg (rat)	Not available.	Not available.
Propylene glycol	57-55-6	20000 mg/kg (rat)	20800 mg/kg (rabbit)	Not available.
Polyacrylic acid	9003-01-4	2500 mg/kg (rat)	Not available.	Not available.
2-Amino-2-methylpropanol	124-68-5	2150 mg/kg (mouse)	Not available.	Not available.
Isopropyl myristate	110-27-0	> 16000 mg/kg (rat)	5000 mg/kg (rabbit)	> 41000 mg/m ³ (rat); 1H
Imidurea	39236-46-9	11300 mg/kg (rat)	Not available.	Not available.

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.
Target Organs: Skin. Eyes. Gastrointestinal tract. Respiratory system. Blood. Central nervous system.

Symptoms (including delayed and immediate effects)

Inhalation: Normal use is not expected to cause any adverse effects. Excessive inhalation may cause headache, dizziness, confusion, loss of appetite and/or loss of consciousness.
Eye: Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision. Ethanol may cause painful sensitization to light, chemical conjunctivitis and corneal damage. Isopropanol may cause transient corneal injury.
Skin: No adverse effects are expected under normal conditions of use. Handling of large amounts may cause skin dryness and/or irritation.
Ingestion: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Skin Sensitization: Not available.
Respiratory Sensitization: Not available.

Medical Conditions

Aggravated By Exposure: Not available.

EFFECTS OF CHRONIC EXPOSURE (from short and long-term exposure)

Target Organs: Skin. Eyes. Gastrointestinal tract. Respiratory system. Blood. Cardiovascular system. Liver. Kidneys. Reproductive system. Central nervous system.
Chronic Effects: Prolonged or repeated contact may dry skin and cause irritation. High vapour concentrations, generally greater than 10% by volume, may sensitize the heart and lead to lethal cardiac arrhythmias. Prolonged exposure to Ethanol may cause liver, kidney, and heart damage.
Carcinogenicity: Product is not classified as a carcinogen. See Component Carcinogenicity table below for information on individual components. Animal studies with Ethanol have reported the development of tumours.

Component Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Prop 65
Ethanol	A3	Group 1	Not listed.	OSHA Carcinogen.	Not listed.
Polyacrylic acid	Not listed.	Group 3	Not listed.	Not listed.	Not listed.

Mutagenicity: Laboratory experiments with Ethanol have resulted in mutagenic effects.
Reproductive Effects: Not available. Ethanol may cause reproductive effects.
Developmental Effects
Teratogenicity: Not available.
Embryotoxicity: Ethanol has been shown to produce fetotoxicity in the embryo or fetus of laboratory animals. Prenatal exposure to ethanol is associated with a distinct pattern of congenital malformations that have collectively been termed the "fetal alcohol syndrome".
Toxicologically Synergistic Materials: Not available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available.
Persistence / Degradability: Not available.
Bioaccumulation / Accumulation: Not available.
Mobility in Environment: Not available.
Other Adverse Effects: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

SECTION 14: TRANSPORT INFORMATION**U.S. Department of Transportation (DOT)**

Proper Shipping Name: UN1987, ALCOHOLS, N.O.S., 3, PG II
Class: 3
UN Number: UN1987
Packing Group: II
Label Code:

**ICAO/IATA**

Proper Shipping Name: UN1987, ALCOHOLS, N.O.S., 3, PG II
Class: 3
UN Number: UN1987
Packing Group: II
Label Code:

**IMDG**

Proper Shipping Name: UN1987, ALCOHOLS, N.O.S., 3, PG II
Class: 3
UN Number: UN1987
Packing Group: II
Label Code:



SECTION 15: REGULATORY INFORMATION**Chemical Inventories****US (TSCA)**

The components of this product are in compliance with the chemical notification requirements of TSCA.

Federal Regulations

United States

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SARA Title III

No components are listed.

State Regulations

Massachusetts

US Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

Component	CAS No.	RTK List
Ethanol	64-17-5	Listed.
Polyacrylic acid	9003-01-4	Listed.

Note: E = Extraordinarily Hazardous Substance

New Jersey

US New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

Component	CAS No.	RTK List
Ethanol	64-17-5	SHHS
Propylene glycol	57-55-6	Listed.
2-Amino-2-methylpropanol	124-68-5	Listed.

Note: SHHS = Special Health Hazard Substance

Pennsylvania

US Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

Component	CAS No.	RTK List
Ethanol	64-17-5	Listed.
Propylene glycol	57-55-6	Listed.
2-Amino-2-methylpropanol	124-68-5	Listed.

California

California Prop 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16: OTHER INFORMATION

Information given here is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Appropriate warnings and safe handling procedures should be provided to handlers and users.

DATE: SEPTEMBER 2020