

# SAFETY DATA SHEET



## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1	Product name:	CUIR Hand Sanitizer
1.2	Other means of identification:	U.S. FDA NDC 78514-000
1.3	Recommended use:	Hand Sanitizer
1.4	Restrictions on use:	This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling, storage, and use of the product for industrial workplace conditions.
1.5	Product dilution information:	Ready to use
1.6	Supplier:	Single Point Alliance, Inc.
1.7	Emergency telephone:	(800) 535-5053 INFOTRAC

## SECTION 2: HAZARDS IDENTIFICATION

2.1	GHS classification:	Flammable liquids: Category 3 Eye irritation: Category 2A
2.2	GHS label element Hazard pictograms:	
2.3	Signal word:	Warning
2.4	Hazard statements:	H226 Flammable liquid and vapor H319 Causes serious eye injury
2.5	Precautionary statements: Prevention:  Response:  Storage: Disposal:	P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P233 Keep container tightly closed. P241 Use explosion-proof electrical/ventilating/lighting equipment P242 Use only non-sparking tools. P243 Take precautionary measure against static discharge. P261 Avoid breathing vapors/mist/spray. P264 Wash hands thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/eye protection/face protection. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P370+P378 In case of fire: Use CO <sub>2</sub> , Halon (if permitted), dry chemical, or foam for extinction. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with applicable Federal, State, and local laws and regulations.
2.6	Other hazards:	KEEP OUT OF REACH OF CHILDREN. In the event of accidental exposure or medical inquiry involving this product, please contact a physician or local poison control center, who may seek advice from the manufacturer or supplier, and show them this SDS.

## SECTION 3: COMPOSITION & INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

COMPONENT	CAS NUMBER	CONCENTRATION (%)
Ethyl Alcohol	64-17-5	80
Distilled water	7732-18-5	17.13

Carbomer	9007-16-3	0.25
Spectroger E-2	99-76-3	0.01
Glycerin	5681-5	0.8
Triethanolamine	102-71-6	1.8
Triclosan	3380-34-5	0.01

## SECTION 4: FIRST AID MEASURES

4.1	General advice:	In the case of accidental exposure or if you feel unwell, seek medical advice immediately. Show this SDS to the physician in attendance.
4.2	In case of ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Contact INFOTRAC at (800) 535-5053 or the nearest Poison Control Center for assistance and instructions. Seek medical attention immediately. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
4.3	In case of skin contact:	Not normally required. Remove contaminated clothing and wash affected areas with soap and water as a precaution. If irritation persists, seek prompt medical attention.
4.4	In case of inhalation:	Remove victim to fresh air. If breathing is irregular or stopped, administer artificial respiration and seek medical attention immediately.
4.5	In case of eye contact:	Rinse with water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If irritation persists, seek medical attention immediately.
4.6	Symptoms/effects, acute and delayed:	Ingestion: If product is swallowed, may cause nausea, vomiting, and/or diarrhea. Skin Contact: Overexposure may cause localized skin irritation, including: redness, dryness, and itching of affected areas. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) with prolonged or repeated exposure. Inhalation: Vapors of this product may be irritating to the nose, throat, and other tissues of the respiratory system. Overexposure may cause drowsiness/dizziness, headache, nausea and vomiting. Eyes: Causes serious eye irritation, and may include: redness, swelling, pain, itching, tearing, and blurred/hazy vision.
4.7	Protection of first responders	No special precautionary measures are required for first responders.
4.8	Notes to Physician	Treat symptomatically. See section 11 for Toxicological Information.

## SECTION 5: FIRE FIGHTING MEASURES

5.1	Fire & Explosion Hazards:	Highly flammable liquid and vapor. Keep away from heat, lit cigarettes, sparks, and open flame. Keep container closed. When exposed to high temperatures, may produce hazardous decomposition products such as oxides of carbon (e.g., CO <sub>1</sub> , CO <sub>2</sub> ) and smoke.
5.2	Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment, including: water spray, alcohol-resistant foam, dry chemical, CO <sub>2</sub> , and Halon (if permitted). Use water spray to cool unopened containers.
5.3	Unsuitable extinguishing media:	Large volume water jet.
5.4	Specific hazards during fire fighting:	Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway.
5.5	Hazardous combustion products:	Carbon oxides and other hazardous fumes and gases.
5.6	Special protective equipment for firefighters:	Use personal protective equipment. In the event of fire, wear self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precaution, protective equipment, and emergency procedures:	Use personal protective equipment. Avoid breathing vapors or mist. Ensure adequate ventilation. Remove all sources of ignition. Evacuate persons to safe areas. Beware of accumulation of vapors to form explosive concentrations. Remove all sources of ignition. Ensure cleaning is carried out only by trained personnel. Consult the protective measures specified in Sections 7 and 8 of this SDS.
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6.2	Environmental precautions:	Discharge into the environment must be avoided. Do not allow contact with the ground, surface water, or groundwater. Remove leakage or spillage, if safe to do so, with absorbent material, and place into appropriate closed container(s) for disposal.
6.3	Methods and materials for containment and cleaning up:	Non-sparking tools should be used. Contain and collect leakage/spillage with an inert, absorbent, non-combustible material (e.g., sand, earth, diatomaceous earth, vermiculite) and place in a closed container for disposal according to local, state, and federal regulations. For large spills, provide diking or other appropriate containment to prevent spreading and collect leakage/spillage to appropriate container(s). (See also: Sections 13 and 15 of this SDS).

## SECTION 7: HANDLING AND STORAGE INFORMATION

7.1	Precautions for safe handling:	Handle in accordance with best industrial and safety practices. Do not breathe vapors or mist. Do not swallow. Do not get in eyes. Avoid prolonged or repeated contact with skin. Use only non-sparking tools. Keep away from sources of ignition. No smoking. Take precautionary measures to prevent electrostatic discharges. Take care to prevent spills, to ensure proper disposal, and to minimize release to the environment.
7.2	Conditions for safe storage:	Store in properly labeled containers. Keep containers tightly closed in a dry, cool, and well-ventilated place. Containers which are opened must be carefully re-sealed and kept upright to prevent leakage. Store in accordance with proper local, state, and federal regulations. Keep away from sources of ignition. Keep out of the reach of children.
7.3	Storage temperature:	Between 59°-86°F (15°-30°C).

## SECTION 8: HANDLING AND STORAGE INFORMATION

Ingredients with workplace control parameters

COMPONENTS	CAS NUMBER	Form of exposure	Allowable concentration	Bases
Ethanol	64-17-5	TWA	1,000 ppm	ACGIH
		TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	OSHA Z1

Engineering provisions: Usual ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection:

Eye/face protection:	AVOID EYE CONTACT DUE TO IRRITATION POTENTIAL. Safety glasses/goggles with side shield are recommended, if eye/face exposure risk exists during product handling/processing.
Hand protection:	Not required under normal conditions of use. May cause skin irritation in some users. If prolonged and repeated skin contact is anticipated, chemical-resistant (e.g., nitrile) gloves should be worn for routine industrial use.
Skin and body protection:	Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.
Respiratory protection:	Not required under normal conditions of use. General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.
Hygiene measures:	Ensure that eye wash systems and safety showers are located close to the working place. When using, do not eat, drink, or smoke. Wash contaminated clothing before re-use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance	Transparent liquid/gel
9.2	Odor	Alcohol
9.3	pH	6.3 - 8.5, 100%
9.4	Flashpoint	23°C (closed cup)
9.5	Odor limit	No data available
9.6	Melting/freezing point	No data available
9.7	Initial boiling and boiling point	No data available
9.8	Evaporation rate	No data available
9.9	Flammability (solid, gas)	Not applicable
9.10	Upper explosion limit	No data available
9.11	Lower explosion limit	No data available
9.12	Vapor pressure	No data available
9.13	Relative vapor density	No data available
9.14	Relative density	0.869 - 0.873
9.15	Water solubility	Soluble in water
9.16	Solubility in other solvents	No data available
9.17	Partition coefficient (n-octanol/water)	Not applicable
9.18	Auto-ignition temperature	No data available
9.19	Thermal decomposition	No data available
9.20	Kinematic viscosity	No data available
9.21	Explosive properties	Not explosive
9.22	Oxidizing properties	Not oxidizing

## SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity:	None under normal use conditions.
10.2	Chemical stability:	Stable under normal conditions.
10.3	Possibility of hazardous reactions:	Flammable liquid and vapor. Vapors may form explosive mixture with air. Reactive with strong oxidizing agents.
10.4	Conditions to avoid:	Keep away from direct sunlight, heat, and sources of ignition.
10.5	Incompatible materials:	Strong oxidizing agents.
10.6	Hazardous decomposition products:	No data available.

## SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Likely routes of exposure:	Ingestion Inhalation Eye contact Skin contact
11.2	Toxicity data:	This product has not been tested on animals to obtain toxicology data.
11.3	Acute toxicity:	Not classified based on available information. See Section 4.6 of this SDS.
11.4	Skin corrosion/irritation:	Not classified based on available information.
11.5	Serious eye damage/irritation:	Causes serious eye irritation.
11.6	Respiratory or skin sensitization:	Not classified based on available information.
11.7	Germ cell mutagenicity:	Not classified based on available information.

11.8	Carcinogenicity:	Not classified based on available information. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by OSHA. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by NTP.
11.9	Reproductive toxicity:	Not classified based on available information.
11.10	STOT-single exposure:	Not classified based on available information.
11.11	SOTO-repeated exposure:	Not classified based on available information.
11.12	Aspiration toxicity:	Not classified based on available information.

## SECTION 12. ECOLOGICAL INFORMATION

12.1	Ecotoxicity:	No data available.
12.2	Persistence and degradability:	No data available.
12.3	Bioaccumulative potential:	No data available.
12.4	Mobility in soil:	No data available.
12.5	Other harmful effects:	No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Disposal of the product:	Dispose of in accordance with applicable Federal, State, and local laws and regulations. Local regulations may be more stringent than Federal or State requirements.
13.2	Disposal of contaminated packaging:	Remove unused product. Empty containers should be taken to an approved waste handling facility for recycling or disposal. Do not reuse empty containers.

## SECTION 14: TRANSPORTATION INFORMATION

IATA, IMDG, DOT


14.1	UN number:	1170
14.2	Class:	3
14.3	Packing group:	III
14.4	Proper shipping name:	Ethanol solutions

## SECTION 15: REGULATORY INFORMATION

15.1	EPCRA	Emergency Planning and Community Right to Know Act
15.2	CERCLA Reportable Quantity	This material does not contain any components with a CERCLA RQ.
15.3	SARA 304 Extremely Hazardous Substances Reportable Quantity	This material does not contain any components with a section 304 EHS RQ.
15.4	SARA 311/312 Hazards	Fire Hazard, Acute health hazard
15.5	SARA 302	This material does not contain chemicals subject to the reporting requirements of SARA Title III, Section 302.
15.6	SARA 313	This material does not contain any chemical components with known CAS numbers that exceed the reportable threshold levels established by SARA Title III, Section 313.
15.7	California Proposition 65	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are listed in the following inventories: 1907/2006 (EC): AICS (Australia), DSL (Canada), IECSC (China),

**SECTION 16 OTHER INFORMATION**

16.1	NFPA:							
16.2	HMIS III:	<table border="1" data-bbox="592 449 941 555"> <tr> <td>HEALTH</td> <td>2</td> </tr> <tr> <td>FLAMMABILITY</td> <td>3</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>0</td> </tr> </table> <p>0 = Not significant, 1 = Slight                  2 = Moderate, 3 = High                  4 = Extreme, *= Chronic</p>	HEALTH	2	FLAMMABILITY	3	PHYSICAL HAZARD	0
HEALTH	2							
FLAMMABILITY	3							
PHYSICAL HAZARD	0							
16.4	Disclaimer:	<p>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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing, and storage, including an assessment of the appropriateness of the SDS material for the user's particular purposes, as applicable.</p>						
16.5	Date of issue:	05/20/2020						