

Safety Data Sheet



Section 1 - Product Information

Product Name: Gel Hand Sanitizer		Supplier: Intercon Chemical Company
Product Code Number: 0960	Information Phone: 314-771-6600	Address: 1100 Central Industrial Drive St. Louis, MO 63110
Product use: Hand Sanitizer	Emergency Contact: CHEMTREC 1-800-424-9300	

Section 2 - Hazard Identification

GHS Classification: Flammable Liquids - Category 3; Serious Eye Damage/Eye Irritation - Category 2A; Skin Sensitization - Category 1

Section 2.1 - Label Elements

Hazard Pictograms:	Precautionary Statements:
 	<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 - Keep container tightly closed.</p> <p>P240 - Ground and bond container and receiving equipment.</p> <p>P241 - Use explosion-proof (electrical/ventilating/lighting/etc.) equipment.</p> <p>P242 - Use non-sparking tools.</p> <p>P243 - Take action to prevent static discharges.</p> <p>P261 - Avoid breathing dust, fume, gas, mist, vapors, spray.</p> <p>P264 - Wash hands thoroughly after handling.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P303+P361+P363+P353 - IF ON SKIN(or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse.</p> <p>P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.</p> <p>P305+P351+P338 - If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P321 - Specific treatment, see Section 4 and Section 8 of this SDS.</p> <p>P337+P313 - If eye irritation persists: Get medical advice/attention.</p> <p>P370+P378 - In case of fire: Use CO2 dry chemical or foam to extinguish.</p> <p>P403+P235 - Store in a well-ventilated place. Keep cool.</p> <p>P501 - Dispose of contents and/or containers in accordance with all local, regional, national, and international regulations.</p>
<p style="text-align: center;">Signal Word: Warning</p> <p style="text-align: center;">Hazard Statements:</p> <p>H226 - Flammable liquid and vapor.</p> <p>H317 - May cause an allergic skin reaction.</p> <p>H319 - Causes serious eye irritation.</p>	

Section 3 - Composition

Chemical Name	CAS #	Percent w/w
Ethyl Alcohol	64-17-5	50 - 75

Section 4 - First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention.

Skin Contact: Wash with plenty of soap and water. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 15 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Ingestion: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Section 5 - Fire and Explosion Hazard Data

Flash Point:	Limits	Extinguishing Media:	Special Fire Fighting Procedures: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus, MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: 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. Vapors may form explosive mixtures with air. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
73°F	LEL: NA	Use extinguishing measures that are appropriate to local circumstances. Dry chemical, carbon dioxide, water spray (fog) or alcohol resistant foam. Do NOT use water jet	
	UEL: NA		
Hazardous combustion products: Carbon dioxide, carbon monoxide. Explosion data: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.			

Section 6 - Accidental Release Measures

Avoid contact with eyes and clothing. Ensure adequate ventilation. Keep people away from and upwind of spill. See section 8 for more information. Eliminate all ignition sources (No smoking, flares, sparks, or flames in the 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 area. Prevent further leakage if safe to do so. Prevent product from entering drains, sewers, ditches, or waterways. Soak up with absorbent material and transfer to properly labeled containers for disposal.

Section 7 - Handling and Storage

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes and clothing. Do not eat, drink, or smoke when using this product. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Keep containers tightly closed in a dry, cool, well-ventilated place. Store locked up. Keep away from heat, sparks, flame, and other sources of ignition. Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national and local regulations. No known incompatible products.

Section 8 - Exposure Controls/PPE

Ingredient	OSHA PEL:	ACGIH TLV:	PPE		General Hygiene Considerations:
Ethyl Alcohol	1000ppm	1000ppm	Respiratory:	Not normally required.	Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
			Eye:	Safety goggles	
			Skin:	Protective clothing	
			Ventilation	Mechanical ventilation	

Section 9 - Physical and Chemical Properties

Appearance	Odor	Odor Threshold	pH	Melting Point	Boiling Point	Evaporation Rate	Flammability	Upper/Lower Flammability Limits	Vapor Pressure
Clear liquid, viscous	Lemon	NE	7.5 - 8.0	NA	NA	NE	NE	NE	NA
Vapor Density	Density (lbs/gal)	Specific Gravity	pH (use dil)	Solubility (In Water)	Partition Coefficient	Auto Ignition Temp	Viscosity	Decomposition Temp	
no data	7.5	0.9	RTU	complete	NA	NA	NE	NA	

Section 10 - Stability and Reactivity

Reactivity - no data available. Chemical stability - stable under recommended storage conditions. Possibility of Hazardous Reactions - none under normal processing. Hazardous polymerization does not occur. Avoid heat, flames, and sparks. Not compatible with oxidizing materials. Hazardous decomposition products include carbon oxides.

Section 11- Toxicological Information

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients. Inhalation may cause irritation of the respiratory tract. This product is irritating to the eyes and may cause redness, itching, and pain. Prolonged contact with skin may cause redness and irritation. Ingestion may cause irritation to the mucous membranes and may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Ingredient	Acute Toxicity (Oral LD50) Rat	Acute Toxicity (Dermal LD50) Rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOT - Single Exposure	STOT - Repeated Exposure
Ethyl Alcohol	7 g/kg	None	Irritant	None	NE	NE	NE	NE

Section 12 - Ecological Information	Section 13 - Disposal Considerations
<p>The Product mixture is not known to have any ecological toxicity.</p> <p>Ethyl Alcohol: Acute Toxicity: EC50 (Crustaceans- <i>Cypris subglobosa</i>) - 1,074mg/L Fresh Water 48 hrs; LC50 (Daphnia- <i>Daphnia magna</i>- neotate) -5680 mg/L Fresh Water 48 hrs; LC50 (Fish- <i>Alburnus alburnus</i>) - 11,000 mg/L Marine Water 96 hrs.</p> <p>Chronic Toxicity: NOEC (Algae- <i>Ulva pertusa</i>) - 4.995 mg/L Marine Water 96 hrs; NOEC (Daphnia- <i>Daphnia magna</i>- neotate) - 0.1 mg/L Fresh Water 21 days. NOEC (Fish- <i>Gambusia holbrooki</i> - Larvae) - 0.375 µL/L Fresh Water 12 weeks.</p>	<p>This material, as supplied in not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if its is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Dispose of in accordance with local, state and federal regulations. US EPA waste code number: D001</p>

Section 14 - Transport Information

UN number	Basic Description (DOT)	Class	Packing Group	LTD QTY
UN1993	Flammable liquids, n.o.s.(ethanol)	3	III	< 5L
UN number	Basic Description (IATA)	Class	Packing Group	LTD QTY
UN1993	Flammable liquids, n.o.s.(ethanol)	3	III	< 5L / <10L
UN number	Basic Description (IMDG)	Class	Packing Group	LTD QTY
UN1993	Flammable liquids, n.o.s.(ethanol)	3	III	< 5L

Section 15 - Regulatory Information

SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.

CERCLA: Ethyl alcohol (RQ = 100 lbs). For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

California Prop 65: This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins by the State of California. For more information, please go to www.p65warnings.ca.gov

Section 16 - Other Information

WHMIS: B2		HMIS: Health - 0	Flam. - 3	Reactivity - 0	PPE- B
Date Prepared: 14 Aug 2024		Prepared by: Director of Technical Service, Research and Development			

The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information given is designed only as 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 materials or in any process, unless specified in the text.

Legend for Abbreviations: GHS - Globally Harmonized System; CAS - Chemical Abstracts Service; NA - Not Applicable; MSHA - Mine Safety and Health Administration; NIOSH - National Institute for Occupational Safety and Health; TLV - threshold limit value; PPE - personal protection equipment; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; ACGIH - American Conference of Governmental and Industrial Hygienists; NE - Not Established; STOT - Specific Target Organ Toxicity; HMIS - Hazard Materials Identification System; NOEC - No Observed Effect Concentration; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; RQ - DOT Reportable Quantity.