

Section 1. General Information

		<b>HMIS</b>	
		<b>Health Hazard</b>	1
		<b>Fire Hazard</b>	4
		<b>Reactivity</b>	0
		<b>Personal Protection</b>	b
<b>Common Name</b>	GLOBAL CLEAN SANITIZING GEL	<b>In case of Emergency</b>	CHEMTREC : (800) 424-9300
<b>Code</b>	1196	<b>DOT</b>	ETHANOL SOLUTION Class 3 UN1170 PG II
			No products were found.
<b>HCS Risk Phrases</b>	HCS Class: Flammable liquid having a flash point lower than 37.8°C (100°F).		
<b>Federal and State Regulations</b>	TSCA: No products were found.		
	No products were found.		
	Clean Water Act (CWA) 307: No products were found.		
	Clean Water Act (CWA) 311: No products were found.		
	Clean air act (CAA) 112 accidental release prevention: No products were found.		
	Clean air act (CAA) 112 regulated flammable substances: No products were found.		
	Clean air act (CAA) 112 regulated toxic substances: No products were found.		

Section 2. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Ethyl alcohol	64-17-5	40-70	Not available.	ORAL (LD50): Acute: 8300 mg/kg [Mouse]. 13700 mg/kg [Rat]. 17750 mg/kg [Rat].

Section 3. Special Protection

<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Ventilation</b>	Provide exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
<b>Eye Protection</b>	Splash goggles.
<b>Protective gloves</b>	Gloves (impervious).
<b>Other Protective Equipment</b>	Face shield, full suit, boots:are recommended under exceptional circumstances such as fire, spill or for prolonged contactwith bulk quantities.

Section 4. Health Hazards Data

<b>Routes of Entry</b>	Ingestion. Inhalation. Eye contact. Skin contact.
<b>Potential Acute Health Effects</b>	Dangerous in case of ingestion, of inhalation. Slightly dangerous in case of eye contact (irritant). May cause dizziness, nausea or have anaesthetic effects if inhaled.
<b>Effects of overexposure</b>	Ethanol TWA 400 ppm
<b>Emergency and First Aid Procedures</b>	
<b>Eye Contact</b>	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention.
<b>Skin Contact</b>	If irritation develops or increases, use of the product should be discontinued. If irritation develops or increases, use of the product should be discontinued. If irritation persists for more than 5 days, consult a doctor.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area.
<b>Ingestion</b>	Have conscious person drink several glasses of water. Induce vomiting. Seek immediate medical attention.
<b>Other Toxic Effects on Humans</b>	Slightly dangerous in case of eye contact (irritant), of ingestion, of inhalation.
<b>Threshold Limit Value</b>	Ethanol TWA 400 ppm

Section 5. Physical Data

<b>Physical state</b>	Liquid. (Clear gel.)	<b>Odour</b>	Citrus.
<b>Boiling Point</b>	The lowest known value is 78.5°C (173.3° F). (Ethanol)	<b>Taste</b>	Not available.
<b>Melting Point</b>	May start to solidify at 0°C (32°F) based on data for: Water.	<b>Colour</b>	Colorless.
<b>Critical Temperature</b>	Not available.	<b>Molecular Weight</b>	Not applicable.
<b>Volatility</b>	95% (v/v).	<b>pH (in water)</b>	6.0 - 7.3
<b>Evaporation Rate</b>	Not available.	<b>pH (concentrate)</b>	6 [Acidic.]

<b>Vapour Pressure</b>	Weighted average: 4.37 kPa (at 20°C)	<b>Vapour Density</b>	Weighted average: 1.36 (Air = 1)
<b>Ionicity (in water)</b>	Not available.	<b>Specific Gravity</b>	6 [Acidic.]
<b>Dispersion Properties</b>	See solubility in water, methanol, diethyl ether, n-octanol.	<b>Viscosity</b>	7000-10000 cps.
<b>Solubility</b>	Easily soluble in cold water, hot water.	<b>Odour Threshold</b>	Not available.

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#### Section 6. Fire and Explosion Data

<b>Flash Points</b>	Closed cup: Between -18°C (0°F) and 23°C (73°F).
<b>Flammable Limits</b>	LOWER: 2.5% UPPER: 12%
<b>Extinguishing Media and Instructions</b>	SMALL FIRE: Use DRY chemicals, CO2, alcohol foam or water spray. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
<b>Special Firefighting Procedures</b>	Vapor may travel considerable distance to source of ignition and flash back. When heated to decomposition, it emits acrid smoke and fumes. (Isopropanol)
<b>Unusual Fire Explosion Hazards</b>	No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.

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#### Section 7. Reactivity Data

<b>Chemical Stability</b>	The product is stable.
<b>Conditions of Instability</b>	No additional remark.
<b>Incompatibility with various substances</b>	Slightly reactive to reactive with oxidizing agents.
<b>Hazardous Decomposition Products</b>	See fire degradation products.
<b>Hazardous Polymerization (will or will not occur)</b>	No.

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#### Section 8. Special Precautions

<b>Handling</b>	Avoid contact with a combustible material (wood, paper, oil, clothing...). Do not ingest. Manipulate in a well-ventilated area.
<b>Storage</b>	Keep away from heat, from sources of ignition. Keep in a cool, well-ventilated place. A refrigerated room would be preferable for materials with a flash point lower than 37.8°C (100°F).
<b>Other Precautions</b>	Keep away from heat. Keep away from sources of ignition. DO NOT ingest. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids. Avoid contact with eyes.

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#### Section 9. Spill or Leak Procedures

<b>Steps to be taken if material is released or spilled</b>	Eliminate all sources of ignition and ventilate the area. Absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning the spill area with running water. Dispose of in accordance with federal, provincial, or local regulations.
<b>Waste Disposal</b>	Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.

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#### Section 10. Additional Information

##### References

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##### CHEMTREC : (800) 424-9300

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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