

ESSENTIAL HAND SANITIZER GEL

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Not applicable.
CAS No.	Mixture
Trade Name	Essential Hand Sanitizer Gel
Product code	None

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Hand Sanitizer
Uses Advised Against	None

Company Identification	Genesis Custom Chemical Blending LLC 2708 NE Main Street Ennis, TX 75119
Telephone	(432) 661-3861

Emergency telephone number

Emergency Phone No.	CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Flam. Liq. 2; Eye Irrit. 2
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Label elements

Hazard Symbol



DANGER

Signal Word(s)

Hazard Statement(s)

Highly flammable liquid and vapour.
Causes serious eye irritation.

Precautionary Statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Take precautionary measures against static discharge.
Do not get in eyes.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
Keep out of reach of children.

Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt.	CAS No.
Ethanol (denatured)	68.17	64-17-5
Glycerol	2.90	56-81-5
2-Propenoic acid, 2-methyl-, polymer with ethyl 2-propenoate	1.6	25212-88-8
Hydrogen Peroxide	0.143	7722-84-1

Additional Information - None

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Move person to fresh air. If breathing is laboured, administer oxygen. Get medical advice/attention if you feel unwell.
Skin Contact	If irritation (redness, rash, blistering) develops, get medical attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.
Ingestion	Call a POISON CENTER/doctor if you feel unwell.

Most important symptoms and effects, both acute and delayed Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

-Suitable Extinguishing Media Extinguish with carbon dioxide, dry chemical, foam or waterspray.
-Unsuitable extinguishing Media Do not use water jet.

Special hazards arising from the substance or mixture Vapours may ignite.

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Large spillages: Do not enter areas where used or stored until adequately ventilated. Eliminate all ignition sources if safe to do so. Do not get in eyes.

Environmental precautions

Large spillages: Prevent liquid entering sewers, basements and workpits.

Methods and material for containment and cleaning up

Large spillages: Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections

None

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Do not get in eyes.

Bulk Handling: Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharge.

Conditions for safe storage, including any incompatibilities

-Storage temperature

Keep in a cool, well ventilated place.

-Incompatible materials

This product should be stored away from sources of strong heat or oxidising chemicals.

Specific end use(s)

Hand Sanitizer

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		STEL		Note
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Ethanol	64-17-5	1000 ppm	-----	-----	1000 ppm	-----
Hydrogen peroxide	7722-84-1	1 ppm	1 ppm	-----	-----	-----

Recommended monitoring method

NIOSH 1400 (Alcohols I)

Exposure controls

Appropriate engineering controls

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

Personal protection equipment

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

Bulk Handling: Wear suitable gloves if prolonged skin contact is likely (Butyl rubber)



Respiratory protection

Bulk Handling: In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards

Not normally required.

Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Persistence and degradability
 Bioaccumulative potential
 Mobility in soil
 Results of PBT and vPvB assessment
 Other adverse effects

Readily biodegradable.
 Not available.
 Not available.
 Not classified as PBT or vPvB.
 None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	UN 1170	UN 1170	UN 1170
Proper Shipping Name	Ethanol solution	Ethanol solution	Ethanol solution
Transport hazard class(es)	3	3	3
Packing group	II	II	II
Environmental hazards	No.	No.	No.
Special precautions for user	None assigned		

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed and active, or exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	----

SARA 311/312 - Hazard Categories: Refer to SECTION 2 - HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None	----	----

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

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