

Clean Revolution Liquid Foaming Hand Sanitizer

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:	Clean Revolution Liquid Foaming Hand Sanitizer		
Synonyms:	Ethanol		
Common Name:	Ethanol Solution		
Product Code:	00307		
Revision Date:	4-2-2020		
Version:	1		
CAS Number:	64-17-5		
Chemical Family:	Alcohols		
Internal ID:	F00307		
Product Description:	Liquid Foaming Hand Sanitizer		
Product Use:	Liquid Foaming Hand Sanitizer		
Instructions:	For external use only.		
Supplier Details:	Crystal Packaging, Inc. 9155 Boston Street Henderson, CO 80640	Vendor Details:	Replenish Bottling 21250 E 36th Drive Unit A Aurora, CO 80011
Phone:	303-778-1805	Phone:	323-405-7637
Email:	accountant@crystalpackaging.com	Email:	hello@myreplenish.com
Emergency:	Chemtrec---1-800-262-8200		

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
 Physical, Flammable Liquids, 3
 Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

- H226 - Flammable liquid and vapour
- H319 - Causes serious eye irritation

GHS Precautionary Statements:

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 - Keep container tightly closed.
- P240 - Ground and bond container and receiving equipment.
- P241 - Use explosion-proof [electrical/ventilating/lighting/...] equipment.
- P242 - Use non-sparking tools.
- P243 - Take action to prevent static discharges.
- P281 - Use personal protective equipment as required.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry:	Eyes; Ingestion; Inhalation; Skin
Inhalation:	Minimal respiratory tract irritation may occur with exposure to a large amount of material.
Skin Contact:	May cause mild irritation on dry skin.

Eye Contact: May cause serious eye irritation.
Ingestion: Gastrointestinal distress may occur.

3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
64-17-5	63-68%	Ethanol
56-81-5	<5%	Glycerine
102783-01-7	<2%	Siloxanes and silicones, di-Me, 3-hydroxypropyl group-terminated, ethoxylated
68515-73-1	<2%	D-Glucopyranose, oligomeric, decyl octyl glycosides
27252-75-1	<1%	Poly(oxy-1,2-ethanediyl), .alpha.-octyl-.omega.-hydroxy-
7732-18-5	28-32%	Deionized Water

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water as a precaution. Seek medical advice if symptoms do not subside.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Remove contact lenses, if present and easy to do.
Ingestion: Do not induce vomiting. Rinse mouth with water. Seek immediate medical attention if symptoms do not subside.
General Advice:

In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt, seek medical advice.

5 FIRE FIGHTING MEASURES

Flammability: Flammable Liquid and Vapor
Flash Point: 80 Degrees F

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: High volume water jet

Specific hazards during firefighting: Do not use solid water stream as it may scatter and spread fire. Cool closed containers exposed to fire with water spray. Flash back possible over considerable distance. May form explosive mixtures in air. Exposure to decomposition products may be hazardous to health. Carbon oxides. Silicon oxides.

Hazardous combustion products: Carbon oxides; silicon oxides

Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers.

Further information: Collect contaminated fire extinguisher water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguisher water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus. Use personal protection equipment.

6 ACCIDENTAL RELEASE MEASURES

Avoid contact with eyes, skin, and clothing.

Do not discharge into drains. Use personal protective equipment recommended in Section 8. Ventilate area and wash spill site after material pickup is complete. Evacuate area as needed. Keep away from drains and ground water. Pick up excess with inert absorbent material and place into separate waste container. Remove all sources of ignition. Non-sparking tools should be used.

7**HANDLING AND STORAGE**

Handling Precautions:	See section 8 for recommendations on the use of personal protective equipment. Keep away from sources of ignition. Handle with care and avoid spillage on the floor (slippage). Do not expose containers to open flame, excessive heat, or direct sunlight.
Storage Requirements:	Keep away from incompatible materials (section 10). Take measures to prevent the build up of electrostatic charge. Keep container tightly closed and properly labeled. Keep away from heat, sparks, and flames. Store in cool/dry area.

8**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering Controls:	All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).
Personal Protective Equipment:	Respiratory Protection: No personal respiratory protective equipment normally required. Hand Protection Remarks: No special protective equipment required. Eye Protection: Wear face-shield, safety glasses/goggles and protective suit for abnormal processing problems. Skin and Body Protection: No special measures necessary, provided product is used correctly. Protective Measures: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Ensure that eye flushing systems and safety showers are located close to the working place. Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Exposure Limits: Ethanol**USA OSHA (TWA₅)/PEL): 1000ppm****ACGIH (TWA/TLV): 1000ppm****Respiratory Protection: NIOSH approved respirator if conditions exceed PEL.****Ventilation: Local exhaust at filling sites where leakage is probable.****Protective Gloves: Hand protection is not required if material is used according to the SDS****Eye Protection: Glasses, goggles, face shield may be required depending upon the application of the product.****Other Protective Equipment:****9****PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Clear
Physical State:	Liquid
Odor:	Dreamy Citrus
Solubility:	Complete
Spec Grav./Density:	.878
Flammability:	Flammable liquid and vapor
Flash Point:	80 Degrees F
pH:	6.0-7.0

10**STABILITY AND REACTIVITY**

Reactivity:	Not reactive under normal conditions.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Heat, flames and sparks
Materials to Avoid:	Strong Oxidizing Agents. Flammable solids. Water-reactive substances.
Hazardous Decomposition:	Not known.

11 TOXICOLOGICAL INFORMATION**Toxicity Data: Ethanol**

Eye Effects: Serious eye irritation may occur.
 Skin Effects: Mild irritation may occur if used on dry skin.
 Ingestion Effects: Gastrointestinal distress may occur.
 Acute Inhalation Effects: Not Known.
 Chronic Effects: Not Known.
 Carcinogenicity: Not Known.
 Mutagenicity: Not Known.
 Teratogenicity: Not Known.

12 ECOLOGICAL INFORMATION

Elimination (persistence and degradability): Readily biodegradable.

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

14 TRANSPORT INFORMATION

UN1987, Alcohols, n.o.s., 3, PGIII, (Alcohols, n.o.s.)

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49 CFR UN/ID/NA number: UN 1987

Proper shipping name: Alcohols, n.o.s.

Class: 3

Packing Group: III

ERG Code: 127

Marine Pollutant: No

**15 REGULATORY INFORMATION**

[%] RQ (CAS#) Substance - Reg Codes

[63-68%] Ethanol (64-17-5) MASS, OSHAWAC, PA, TSCA, TXAIR

[<5%] Glycerine (56-81-5) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

[<2%] Siloxanes and Silicones, di-Me, 3-hydroxypropyl group-terminated, ethoxylated (102783-01-7) TSCA

[<2%] D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1) TSCA

[<1%] Poly(oxy-1,2-ethanediyl), .alpha.-octyl-.omega.-hydroxy- (27252-75-1) TSCA

[28-32%] Deionized Water (7732-18-5) TSCA

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

Regulatory Code Legend

MASS = MA Massachusetts Hazardous Substances List

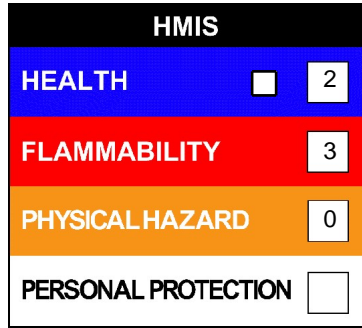
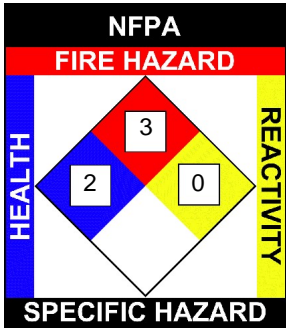
OSHAWAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
HAP = Hazardous Air Pollutants

16	OTHER INFORMATION
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NFPA: Health = 2, Fire = 3, Reactivity = 0, Specific Hazard = n/a
HMIS III: Health = 2, Fire = 3, Physical Hazard = 0



Disclaimer:

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Revision Date: 4-2-2020