

## Hand Guard Foaming Alcohol Instant Hand Sanitizer (Rev 1-19-24)

SDS Number: HC24E

Revision Date: 1/19/2024

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### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Distributed By: Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

**Contact:** Ligia M. Hernandez  
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**Web:** www.wechem.com

**Product Identifier:** Hand Guard Foaming Alcohol Instant Hand Sanitizer (Rev 1-19-24)  
**SDS Number:** HC24E  
**Product Code:** HC24  
**Revision Date:** 1/19/2024  
**Product Use:** Hand Sanitizer

Emergency Telephone Number:  
INFOTRAC  
1-800-535-5053

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### HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 2  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Health, Acute toxicity, 5 Oral

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **DANGER**

**GHS Hazard Pictograms:**



##### GHS Hazard Statements:

H225 - Highly flammable liquid and vapor  
H319 - Causes serious eye irritation  
H303 - May be harmful if swallowed

##### GHS Precautionary Statements:

P102 - Keep out of reach of children.  
P103 - Read label before use.  
P280 - Wear eye protection.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P233 - Keep container tightly closed.  
P240 - Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/light/equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337 - If eye irritation persists: Get medical attention.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

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P370+378 - In case of fire: Use carbon dioxide, foam or dry chemical to extinguish.  
 P403+235 - Store in a well ventilated place. Keep cool.

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

**Route of Entry:** Eye, inhalation, skin, ingestion  
**Target Organs:** NA  
**Inhalation:** Vapor may cause irritation of the respiratory tract.  
**Skin Contact:** Prolonged and continuous exposure may cause slight to moderate irritation.  
**Eye Contact:** May cause serious eye irritation.  
**Ingestion:** May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Ingredients:		
CAS#	%	Chemical Name:
64-17-5	<65%	Ethanol

**4 FIRST AID MEASURES**

**Inhalation:** Remove to fresh air. Seek medical attention if symptoms persist.  
**Skin Contact:** Rinse with water.  
**Eye Contact:** Immediately flush with water for 15 minutes. If irritated, seek medical attention.  
**Ingestion:** May be harmful if swallowed. Get immediate medical attention.  
**DANGER.** Flammable. May be harmful if swallowed. Causes serious eye irritation.

**5 FIRE FIGHTING MEASURES**

**Flammability:** Flammable  
**Flash Point:** 70 Deg F  
**Flash Point Method:** PMCC  
 Extinguishing Materials: CO2, Foam, dry chemical, or water fog

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special Fire Fighting Procedures: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode. Chemical resistant PPE is recommended.

Unusual Fire and Explosion Hazards: Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products: Carbon dioxide, Carbon monoxide.

**6 ACCIDENTAL RELEASE MEASURES**

Put on appropriate personal protective equipment (see section 8). Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

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**HANDLING AND STORAGE**
**Handling Precautions:**

Do not get in eyes or on clothing. Avoid breathing sprays or vapors. Keep out of reach of children.

**Storage Requirements:**

Do not store in freezing temperature and heat above 120 Deg. F. Keep out of reach of children. Store in a cool, dry area, away from heat, fire and other sources of ignition. Ground/bond container and receiving equipment. Use explosion-proof ventilating and equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Always keep container tightly closed when not in use.

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**EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Engineering Controls:**

Ventilation Requirement: Good general ventilation required.

**Personal Protective**
**Equipment:**

Respiratory Protection: None needed. When respiratory protection is required, use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 &amp; ANSI Z88.2 requirements must be followed.

Protective gloves: Not required. This product is designed to be used on skin. For continuous occupational exposure, wear impervious gloves (made from nitrile or neoprene).

Eye protection: None required. Wear safety glasses with side shields or goggles if needed.

Hygienic work practices: Wash with water before handling food.

Ethanol cas#:(64-17-5) [&lt;65%]

Components with workplace control parameters

 TWA 1,000 ppm USA. ACGIH Threshold Limit Values  
(TLV)

Upper Respiratory Tract irritation

Confirmed animal carcinogen with unknown relevance to humans

 TWA 1,000 ppm USA. Occupational Exposure Limits  
1,900 mg/m3 (OSHA) - Table Z-1 Limits for Air  
Contaminants

The value in mg/m3 is approximate.

 TWA 1,000 ppm USA. NIOSH Recommended  
1,900 mg/m3 Exposure Limits

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**PHYSICAL AND CHEMICAL PROPERTIES**
**Appearance:**

Clear, colorless liquid

**Physical State:**

Liquid

**Spec Grav./Density:**

(H2O(Water=1): 0.8

**Viscosity:**

Not available

**Boiling Point:**

Not available

**Vapor Pressure:**

Not available

**pH:**

7-8

**Odor:**

Alcohol

**Solubility:**

Complete

**Flash Point:**

70 Deg F

**Vapor Density:**

(Air=1): Not available

**VOC:**

62% wt.

**Auto-Ignition Temp:**

Not available

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**STABILITY AND REACTIVITY**
**Chemical Stability:**

Stable and non-reactive under normal conditions of use, storage and transport.

**Conditions to Avoid:**

High temperatures, open flames, sparks, welding

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**Materials to Avoid:** Strong oxidizing agents, acids.  
**Hazardous Decomposition:** CO, CO<sub>2</sub>

**Hazardous Polymerization:** Vapors may ignite at temperatures exceeding flash point.  
Will not occur

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**TOXICOLOGICAL INFORMATION**

Primary routes of entry: Skin contact, inhalation.

Acute/Potential Health Effects:

EYES: May cause serious eye irritation. Symptoms include stinging, tearing, and redness.

SKIN: Prolonged contact may cause slight to moderate irritation.

INHALATION: Overexposure may cause irritation of the respiratory tract.

INGESTION: May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

The material is not listed as a carcinogen by IARC, NTP or OSHA.

Ethanol cas#:(64-17-5) [<65%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 7,060 mg/kg Remarks: Lungs, Thorax, or Respiration:Other changes.

LC50 Inhalation - rat - 10 h - 20000 ppm

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: No skin irritation - 24 h (OECD Test Guideline 404)

Serious eye damage/eye irritation: Eyes - rabbit Result: Mild eye irritation - 24 h (OECD Test Guideline 405)

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

Carcinogenicity - mouse - Oral:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Liver: Tumors. Blood: Lymphomas including Hodgkins disease.

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.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Reproductive toxicity - Human - female - Oral:

Effects on Newborn: Apgar score (human only). Effects on Newborn: Other neonatal measures or effects. Effects on Newborn: Drug dependence.

Specific target organ toxicity - single exposure: no data available

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Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: KQ6300000

Central nervous system depression, narcosis, Damage to the heart., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.  
Stomach - Irregularities - Based on Human Evidence

12	<b>ECOLOGICAL INFORMATION</b>
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No information available.

Ethanol cas#:(64-17-5) [<65%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

13	<b>DISPOSAL CONSIDERATIONS</b>
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Dispose of according to local, state, or federal regulations. See label for further instructions.

14	<b>TRANSPORT INFORMATION</b>
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Proper Shipping Name: UN 1170, Ethanol Solution, 3, PG II

15	<b>REGULATORY INFORMATION</b>
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[%] RQ (CAS#) Substance - Reg Codes

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[<65%] Ethano] (64-17-5) MASS, OSHAWAC, PA, TSCA, TXAIR

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

Regulatory Code Legend

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MASS = MA Massachusetts Hazardous Substances List

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OSHA WAC = 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

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**OTHER INFORMATION**

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available                      N/D = Not determined

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