

# Safety Data Sheet

## Pantero Hello Hand Sanitizer (Ethanol)

### Section 1 Identification

**Trade Name:** Pantero Gel Ethyl Alcohol Hand Sanitizer **Date Prepared:** 03/24/2020

**Product Identification:** PAN-HCETOH

**Synonyms:** None **CAS No:** Mixture

**Product Use Description:**

This product conforms with FDA guidance issued in March 2020 for Temporary Compounding of Certain Alcohol-Based Hand Sanitizer Products for use during the Public Health Emergency and has been manufactured in accordance with 21 CFR 10.115(g)(2). (Non-Sterile Solution)

**Details of the supplier of the safety data sheet**

Pantero, Inc.  
164 Indusco Court  
Troy, MI 48083 US

**Phone:** (833) 566-8261

**Emergency telephone number**

Infotrac (800) 535-5053 (US & Canada)  
ID#: 112704 (352) 323-3500

### Section 2 Hazards Identification

**GHS Classification:** Flammable Liquid Category 2  
Skin Irritation Category 2  
Eye Irritation Category 2B  
Specific Target Organ Toxicity Single Exposure Category 3

**GHS Labels:**



Irritant Flammable

**Signal Word:** Danger

**Hazard Statements:**

- H225** Highly flammable liquid and vapour
- H315** Causes skin irritation
- H320** Causes eye irritation
- H335** May cause respiratory irritation

**Precautionary Statements:**

**Prevention**

- P201** Obtain special instructions before use.
- P202** Do not handle until all safety precautions have been read and understood.
- P210** Keep away from heat, sparks, open flames and hot surfaces.  No smoking.
- P233** Keep container tightly closed.
- P240** Ground container and receiving equipment.
- P242** Use only non-sparking tools.
- P243** Take precautionary measures against static discharge.
- P264** Wash skin thoroughly after handling.
- P280** Wear protective gloves, protective clothing and eye protection or face protection.

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### Response

- P303 + P353 + P363** IF ON SKIN OR HAIR: Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
- P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308 + P313** IF exposed or concerned: Get medical attention.
- P312** Call a POISON CENTER or physician if you feel unwell.
- P332 + P313** IF SKIN irritation occurs: Get medical advice/attention.
- P337 + P313** IF eye irritation persists: Get medical attention.
- P370 + P378** In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

### Storage

- P403 + P235** Store in a well-ventilated place. Keep cool.
- P405** Store locked up.

### Disposal

- P501** Dispose of contents/container to an approved waste disposal plant.

### Hazards Not Otherwise Classified (HNOC):

None.

### Additional Information:

None.

## Section 3 Composition

Chemical Name	Common Name/Synonym	CAS #	%
ethanol		64-17-5	75 - 80
isopropyl alcohol		67-63-0	1 - 5

## Section 4 First Aid

### General:

Move out of dangerous area. Perform first aid measures as indicated. Seek medical attention and show this safety data sheet to attending physician.

### Inhalation:

Move to fresh air and keep at rest in a position comfortable for breathing. If breathing difficulty occurs or persists seek medical attention. If not breathing give artificial respiration and seek immediate medical attention.

### Skin Contact:

Immediately flush exposed skin with water for at least 15 minutes while removing contaminated clothing and/or shoes. Thoroughly wash with soap and water. Seek medical attention if irritation develops or persists.

### Eye Contact:

Immediately flush eyes with water for at least 15 minutes, lifting the upper and lower eyelids intermittently. Check for and remove any contact lenses if easy to do. Seek medical attention if irritation develops or persists.

### Ingestion:

Rinse mouth with water. Do not induce vomiting. Seek medical attention if symptoms develop.

### Most important symptoms and effects both acute and delayed:

No information available.

### Indication of any immediate medical attention and special treatment needed:

No information available.

## Section 5 Fire Fighting Measures

### Suitable Extinguishing Media:

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Use alcohol foam, carbon dioxide, dry chemical or water spray. Use water spray to cool fire exposed containers.

**Unsuitable Extinguishing Media:**

No information available.

**Specific Hazards Developing From the Chemical:**

Combustion may produce carbon monoxide, carbon dioxide and other unidentified organic compounds.

**Precautions for Firefighters:**

No information available.

**Firefighting Instructions:**

No information available.

**Protection During Firefighting:**

Wear full protective gear and full face pressure demand self-contained breathing apparatus.

**Other Information:**

No additional information available.

### Section 6 Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Avoid direct contact with skin, eyes and clothing. Avoid inhalation of mist, vapor or dust. Wear appropriate personal protective equipment as outlined in Section 8 of this SDS.

**Environmental Precautions:**

Prevent further leakage or spillage if safe to do so. Contain spilled material and prevent run-off onto ground or into water sources or sewers. Remove or eliminate all sources of ignition.

**Methods and material for containment and clean up:**

Absorb on inert material and place in containers for disposal. Dispose of spilled/collected material in accordance with all federal, state and local regulations.

### Section 7 Handling and Storage

**Precautions for Safe Handling:**

Avoid contact with skin and eyes. Avoid inhalation of mist, vapor and dust. Ensure adequate ventilation. Do not eat, drink or smoke while handling. Wear appropriate personal protective equipment as outlined in Section 8 of this SDS.

**Conditions for Safe Storage, including Incompatibilities:**

Store in original container. Keep container tightly closed. Store at room temperature (50-90°F) in a dry well-ventilated area.

### Section 8 Exposure Controls/Personal Protection

**Exposure Limits:**

Ingredient	Data Source	Exposure Form	Exposure Value	Exposure Notes
Ethanol	ACGIH	TWA	1000 ppm	
	OSHA PEL	TWA	1000 ppm	
isopropyl alcohol	ACGIH TLV	TWA	200 ppm	
	OSHA PEL	TWA	400 ppm	8 hr

**Appropriate Engineering Controls:**

Use explosion proof electrical equipment, non-sparking tools and ground all containers while handling this product.

**Individual Protection Measures:****Eye/Face Protection:**

Safety glasses or chemical goggles should be worn when handling this material.

**Skin Protection:****Hand Protection:**

Wear chemical resistant gloves when handling.

**Other:**

Wear chemical resistant apron when handling.

**Respiratory Protection:**

Wear respiratory protection while using this material.

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### General Hygiene Considerations:

Follow good hygiene and safety practice. Wash hands and exposed skin before breaks and at the end of the work day. Do not eat, drink or smoke while handling this material. Do not wear contaminated or dirty clothing home from the work-site. Launder contaminated or dirty clothing before reuse.

### Additional Information:

No additional information available.

## Section 9 Physical and Chemical Properties

Appearance	Clear Liquid
Odor	Alcohol
pH	Not Available
Melting/freezing point	-114.1 °C (Ethyl Alcohol)
Initial boiling point	78.5° C (Ethyl Alcohol)
Flash point	13 °C (55.4 °F) (Ethyl Alcohol)
Evaporation rate	Not Available
Lower explosive limit	3.3% (Ethyl Alcohol)
Upper explosive limit	19.0% (Ethyl Alcohol)
Vapor pressure	57.3 hPa @20 °C (Ethyl Alcohol)
Vapor density	1.6 (Ethyl Alcohol)
Solubility in water	Soluble
PC: n-octanol/water	-0.32 (Ethyl Alcohol)
Auto-Ignition temperature	363 °C (685.4 °F) (Ethyl Alcohol)
Auto-Ignition temperature	363 °C (Ethyl Alcohol)
Decomposition temperature	Not Available
Viscosity	Not Available
Specific gravity	0.8-0.9

## Section 10 Stability and Reactivity

Reactivity :	Not reactive under normal use conditions.
Chemical Stability :	Material is stable under normal handling and storage conditions.
Hazardous Reactions :	Hazardous polymerization will not occur under normal handling and storage.
Conditions to Avoid :	Avoid temperatures above 100°F (38°C). Avoid sources of ignition.
Decomposition Products:	No decomposition products are expected under normal storage and handling conditions.
Incompatible Materials:	Avoid contact with oxidizers and strong acids.

## Section 11 Toxicological Information

### Information on the likely routes of exposure:

#### Inhalation:

Material may cause irritation.

#### Skin Contact:

Material may cause irritation.

#### Eye Contact:

Material may cause irritation.

#### Ingestion:

Material harmful if ingested.

### Symptoms related to the physical, chemical and toxicological characteristics:

No information available.

### Delayed and chronic effects:

No information available.

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### Numerical measures of toxicity:

Components	Exposure	Species	Dose	Notes
<b>ethyl alcohol:</b>				
Oral	LD50	Rat	7060 mg/kg	
Dermal	LD50	Rabbit	>16,000 mg/kg	
<b>isopropyl alcohol:</b>				
Oral	LD50	Rat	4396 mg/kg	
Dermal	LD50	Rabbit	12,800 mg/kg	
Inhalation	LC50	Rat	45,248 mg/l	1 hr

### Toxicological Effects:

#### Acute Toxicity:

Mixture:

No information available.

#### Skin Corrosion/Irritation:

Mixture:

No information available.

#### Serious Eye Damage/Irritation:

Mixture:

No information available.

#### Respiratory Sensitization:

Mixture:

No information available.

#### Skin Sensitization:

Mixture:

No information available.

#### Germ Cell Mutagenicity:

Mixture:

No information available.

#### Carcinogenicity:

Mixture:

This product is considered to be a potential carcinogen by:

NTP: No

OSHA: No

IARC: No

#### Reproductive Toxicity:

Mixture:

This product is not expected to cause reproductive and developmental effects.

#### STOT-Single Exposure:

Mixture:

No information available.

#### STOT-Repeated Exposure:

Mixture:

No information available.

#### Aspiration Hazard:

Mixture:

This product is not an aspiration hazard.

### Additional Information:

None.

## Section 12 Ecological Information

### Ecotoxicity:

No information available.

### Numerical Measures of Ecotoxicity:

Components	Type	Species	Dose	Notes
<b>ethyl alcohol:</b>				
Fish	LC50	Salmo gairdneri	13,000 mg/l	96 hr
Invertebrate	EC50	Daphnia magna	9300 mg/l	48 hr
<b>isopropyl alcohol:</b>				

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Fish	LC50	Rasbora heteromorpha	4200 mg/l	96 hr
Invertebrate	EC50	Crangon crangon	1400 mg/l	48 hr

**Persistence and Degradability:**

Mixture:  
No information available.

**Bioaccumulative Potential:**

Mixture:  
No information available.

**Mobility in Soil:**

Mixture:  
No information available.

**Other Adverse Effects:**

Mixture:  
No information available.

**Additional Information:**

No information available.

### Section 13 Disposal Considerations

**Disposal Instructions:**

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

**Contaminated Packaging:**

Triple rinse container and offer for recycling. Dispose of container following all federal, state and local regulations.

**Additional Information:**

No additional information available.

### Section 14 Transport Information

**DOT:**

**UN number:** UN1987  
**UN proper shipping name:** UN1987, Alcohols, n.o.s. (Ethanol), 3, PGII  
**Class:** 3  
**Subsidiary risk:** none  
**Label(s):** 3  
**Packing group:** II  
**Packaging exceptions:** 4b, 150

### Section 15 Regulatory Information

**Federal Regulations:****SARA 311/312 Hazard Categories:**

Immediate (Acute) Health Hazard  
Fire Hazard

**SARA 302 Extremely Hazardous Substance:**

Not listed.

**SARA 304 Emergency Release Notification:**

Not regulated.

**SARA 311/312 Hazardous Chemical:**

No

**SARA 313 Toxic Release Inventory (TRI) Report:**

Not regulated.

**CERCLA Hazardous Substance List:**

Not Listed.

**Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA):**

This chemical is not a pesticide product.

**Clean Air Act Regulated Substances:**

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None.

### Clean Water Act Regulated Substances:

None.

### U.S. State Regulations:

#### Massachusetts RTK Substances

ethanol Listed.

#### New Jersey RTK Substances

ethanol Listed.

isopropyl alcohol Listed.

#### Pennsylvania RTK Substance

ethanol Listed.

isopropyl alcohol Listed.

### Canadian Regulations:

#### Canadian Ingredient Disclosure List Substances:

None listed.

#### WHMIS Classification:

Not classified.

## Section 16 Other Information

### HMIS Hazard ID:

<b>HEALTH</b>	2
<b>FLAMMABILITY</b>	3
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	C

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; \*-Chronic Health Effect

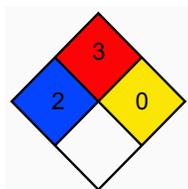
### NFPA Hazard ID:

Flammability:

Health:

Reactivity:

Special Hazard:



Hazard Rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Non-Sterile Solution.

**Disclaimer:** The Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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