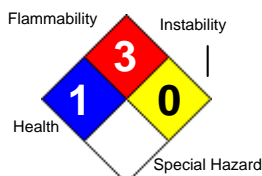


MATERIAL SAFETY DATA SHEET

Instant Hand Sanitizer

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PPE		



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1. Product and Company Identification

Product Name: Instant Hand Sanitizer

Manufacturer Information

Company Name: Manufactured for Cintas by Santec Products, LLC
167 Commerce Blvd.
Loveland, OH 45140

Phone Number: (877)972-6832

Emergency Contact: Chemtrec (800)424-9300

2. Hazards Identification

Emergency Overview: May cause eye irritation. May cause respiratory and digestive tract irritation.

Potential Health Effects (Acute and Chronic):

Eyes. May cause eye irritation.

Skin. No potential health effects anticipated under normal product use conditions.

Ingestion: Not considered a likely route of exposure under normal product use conditions. May cause irritation.

Inhalation: No potential health effects anticipated under normal product use conditions. Large amounts: May cause irritation. May cause central nervous system effects.

Chronic: Prolonged or repeated skin contact may cause defatting and dermatitis.

LD 50 / LC 50: Refer to Section 11.

Signs and Symptoms Of Exposure: Irritation. Dizziness. Drowsiness. Abdominal discomfort. Faintness. Vomiting. Nausea. Coma. Incoordination.

Medical Conditions Generally Aggravated By Exposure: Absorption hazard across markedly damaged skin with sustained contact.

3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Ethanol	64-17-5	59.0 -65.0 %

4. First Aid Measures

Emergency and First Aid Procedures:

Eyes: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin: If irritation develops, wash with soap and warm water.

Ingestion: If victim is fully conscious, give a cupful of water. If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by

mouth to an unconscious person. Get medical attention immediately.

Inhalation: Move victim to fresh air. Give artificial respiration if victim is not breathing. Get medical aid if irritation or symptoms occur.

5. Fire Fighting Measures

Flash Pt:	61.00 F (16.1 C) Method Used: Cleveland Open Cup
Explosive Limits:	LEL: >3.3 UEL: <19.0
Autoignition Pt:	NA
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Flammable Properties and Hazards:	Vapor may travel considerable distance to source of ignition and flash back.
Hazardous Combustion Products:	Carbon monoxide. Carbon dioxide.
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or appropriate foam.
Unsuitable Extinguishing Media:	None known.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:	Keep unauthorized personnel away. Remove all sources of ignition. Small spills can be flushed to a sewer or absorbed with inert material.
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7. Handling and Storage

Precautions To Be Taken in Handling:	Keep away from heat, sparks, and flame. Use with adequate ventilation. Avoid contact with eyes. Do not ingest or inhale.
Precautions To Be Taken in Storing:	Store in a closed container.

8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Ethanol	64-17-5	1000 ppm	1000 ppm	No data.
Respiratory Equipment (Specify Type):	Generally not necessary.			
Eye Protection:	Generally not necessary.			
Protective Gloves:	Generally not necessary.			
Other Protective Clothing:	Generally not necessary.			
Engineering Controls (Ventilation etc.):	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Safety shower and eye bath.			
Work/Hygienic/Maintenance Practices:	None necessary.			

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Melting Point:	NA
Boiling Point:	NA
Autoignition Pt:	NA
Flash Pt:	61.00 F (16.1 C) Method Used: Cleveland Open Cup

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Explosive Limits: LEL: >3.3 UEL: <19.0
Specific Gravity (Water = 1): 0.85 - 0.9
Density: 53.04 - 56.16 LB/CF
Vapor Pressure (vs. Air or mm Hg): NA
Vapor Density (vs. Air = 1): NA
Evaporation Rate (vs Butyl Acetate=1): NA
Solubility in Water: Soluble
Percent Volatile: NA
Viscosity: 15600 cP
Octanol/Water Partition Coefficient: NA
pH: 6.5 - 7.5
Appearance and Odor: Clear. Gelatinous.
Odor: citrus-like odor.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Excess heat. Ignition sources.
Incompatibility - Materials To Avoid: Oxidizing agents. Inorganic acids.
Hazardous Decomposition Or Byproducts: Carbon monoxide. Carbon dioxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: Product will not undergo polymerization.

11. Toxicological Information

Ingredient: CAS# 64-17-5 Ethanol:
Oral, rat: LD50 7060 mg/kg; Oral, guinea pig: LD50 5560 mg/kg; Dermal, rabbit: LD50>20 ml/kg; Inhalation, rat: LC50 32,380 ppm 4-H.

Chronic Toxicological Effects: No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Ethanol	64-17-5	No	No	A3	No

12. Ecological Information

Ingredient: CAS# 64-17-5. LC50 daphnia magna: 9268 mg/L 48-H.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in {40} CFR Parts {261.3}. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name Consumer Commodity ORM-D.

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Additional Transport Information: No data available.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)
1. Ethanol	64-17-5	No	No	No

16. Other Information

Company Policy or Disclaimer

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State, or provincial, and local laws.

N.A.=Not available, N.P.=Not applicable, N.D.=Not determined, N.E.=Not established, N.R.=Not required