



# Safety Data Sheet

## HAND SANITIZER WITH 62% ALCOHOL

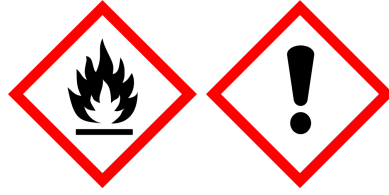
### Section 1. Identification

Product Identifier	HAND SANITIZER WITH 62% ALCOHOL		
Synonyms	HAND SANITIZER; GEL HAND SANITIZER		
Manufacturer Stock Numbers	11226; 11227; 002010; 002012; 002002; 002004; 002008; 002090		
Product Cas	Mixture		
Recommended use	To help reduce or kill bacteria on the hands.		
Uses advised against	Do not use in or near eyes. Follow label directions. Keep out of reach of children. May be harmful if swallowed. Avoid eye contact or excessive inhalation. For external use only		
Manufacturer Contact			
Address	Chester Packaging, LLC 1900 Section Road Cincinnati, OH, 45237 USA		
	Phone	Emergency Phone	Fax
	800-354-9709	800-424-9300 CHEMTREC	(513) 458-3858
	Email		
	<a href="http://www.chesterpackaging.com">www.chesterpackaging.com</a>		

### Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2A FLAMMABLE LIQUIDS - Category 3
Signal Word	Warning

Pictogram



Hazard Statements

Causes serious eye irritation  
Flammable liquid and vapor

Precautionary Statements

Response

If eye irritation persists: Get medical advice/attention.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
In case of fire: Use ... to extinguish.

Prevention

Ground/bond container and receiving equipment.  
Keep away from heat.  
Keep container tightly closed.  
Take precautionary measures against static discharge.  
Use explosion-proof electrical/ventilating/lighting/.../equipment.  
Use only non-sparking tools.  
Wash ...thoroughly after handling.  
Wear eye protection/face protection.  
Wear protective gloves/eye protection/face protection

Storage

Store in a well-ventilated place. Keep cool.

Disposal

N/A

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

Ingestion:

Potential Health Effects:  
May be harmful if swallowed.

Inhalation:

Potential Health Effects:  
Avoid excessive inhalation, may cause respiratory tract irritation.

Eyes:

Potential Health Effects:  
Ethanol  
May be irritating to the eyes.

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
7732-18-5	Water	20% - 37%
64-17-5	Ethyl alcohol	63% - 61%

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-Aid Measures

Eye Contact:	Avoid rubbing eyes. Immediately flush eyes with large amounts of water, occasionally lifting upper and lower lids, until no evidence of product remains ( minimum 15 minutes is typically recommended). Remove contact lenses, if present and easy to do. Get medical attention if pain or irritation persists.
Skin Contact:	Wash with soap and water; if irritation persists, seek medical attention.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if discomfort occurs If conscious and alert or able to swallow--have victim drink water or milk to dilute. Get medical attention.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	In case of fire, use Water Spray. Dry chemical. Carbon Dioxide (CO2). Alcohol foam.
Unsuitable Extinguishing Media	N.E.
Special Fire Fighting Procedures:	In case of fire and/or explosion do not breath fumes.
Unusual Fire and Explosion Hazards:	Vapors may travel to source of ignition and flash back.

## Section 6. Accidental Release Measures

Flammable Small Spill:	Absorb with an inert dry material and place in an appropriate waste disposal container.
Flammable Large Spill:	Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

## Section 7. Handling and Storage

Handling Non-hazardous:	This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.
Storage Non-hazardous:	Store in original package. Discard after the package is empty . Do not reuse package for other means.
Additional Information	

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Water	N/A	N/A	N/A
	Ethyl alcohol	STEL: 1,000 ppm	TWA: 1,000 ppm/1,900mg/mm <sup>3</sup>	N/A
		Note: Upper respiratory track irritation. Confirmed animal carcinogen with unknown relevance to humans.		
Personal Protective Equipment	Respirator			
Work/hygienic practices:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.			
Respiratory Protection:	Use a self-contained breathing apparatus in high vapor concentration. WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.			
Skin Protection:	Wear impervious clothing including boots, gloves, lab coat, apron, or coveralls as appropriate when handling the chemical in the manufacturing environment.			
Eye Protection:	Wear chemical safety glasses with side shields or goggles.			
Engineering Controls:	Electrical equipment should be grounded and conform to applicable electrical code. Ventilation: Special, local ventilation is needed where vapors escape to workplace air.			
Other protective equipment:	Safety shower. Eye-wash station.			

## Section 9. Physical and Chemical Properties

Physical State	Gel
Color	Clear, colorless
Odor	Citrus scent
Odor Threshold	N/A
Solubility	Yes
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	=>73°F and <=140°F
FP Method	Dilution
Ph	6.0-8.3
Melting Point	N.D..
Boiling Point	N.D.
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N.A.
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N.A.

## Section 10. Stability and Reactivity

Conditions to avoid:	Ignition source.
Hazardous Decomposition or Byproducts:	Carbon Monoxide, Carbon Dioxide
Stability:	Stable under normal conditions.
Incompatibility (Materials to Avoid)	Strong oxidants, silver salts, acid chlorides, alkali metals, metal hydrides, hyrazine, and many other substances.
Hazardous Polymerization	Will not occur.

## Section 11. Toxicological Information

Acute Toxicity: Inhalation LC50	Ethyl Alcohol CAS No. 64-17-5 Species: Rat 20000 ppm 10 hours
Acute Toxicity: Oral LD50:	Ethanol (Ethyl Alcohol) CAS No. 64-17-5 Species: Rat 7,060 mg/kg
Reproductive Toxicity:	Ethyl Alcohol CAS No. 64-17-5 Reproductive toxicity - Has been linked to birth defects in humans.
Carcinogenicity:	Ethyl Alcohol CAS No. 64-17-5 NTP listed: Not classifiable as a human carcinogen.
Irritation the eye:	Ethyle Alcohol CAS No64-17-5 Species: Rat Result: Severe 50 mg/24H

## Section 12. Ecological Information

Toxicity:	There is no specific data available that this product has been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document.
Other adverse effects:	N.D.

## Section 13. Disposal

Waste Disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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## Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	None
DOT Classification	None
Packing Group	N/A
IATA:	N.D.
IMDG:	N.D.

## Section 15. Regulatory Information

US Federal Regulations: N.A.  
General Product Information  
US Federal Regulations: N.A.  
Component Analysis  
US Federal Regulations: Complies with current FDA regulations for an OTC drug, personal care product  
Food & Drug Administration  
Other Regulations: N.A.  
Other Classifications: N.A.

## Section 16. Other Information

Revision Date 5/28/2015  
HMIS (U.S.A.): Health 2  
(Acute-Chronic)  
HMIS (U.S.A.): Flammability 3  
HMIS (U.S.A.): Reactivity 0  
Legend N.A. - Not Applicable  
N.E. - Not Established  
N.D. - Not Determined  
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