The following SDS references the products below:

Hand Sanitizer Gel

Vendor Item Number: 65636

Manufactured By:

Kutol Products Company

Distributed by Kimball Midwest with the KM product-identification number:

80-4314

SAFETY DATA SHEET

62% ALCOHOL HAND SANITIZER GEL

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SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name	:	62% ALCOHOL HAND SANITIZER GEL
Product Codes	:	5607, 5619, 5630, 5635, 5666, 5679, 6667, 65636
Recommended use	:	Hand sanitizer
Product dilution information	:	Product is sold ready to use.
Company	:	Kutol Products Company 100 Partnership Way Sharonville, OH 45241-1571 1-800-543-4641
Chemtrec Phone	:	1-800-424-9300
Issuing date	:	01/23/2015

SECTION 2 – HAZARD(S) IDENTIFICATION

GHS Classification

Flammable liquids	:	Category 3
Eye irritation		Category 2B
	:	
GHS Label Element Hazards pictograms	:	
Signal Word	:	Warning
Hazard Statements	:	Flammable liquid and vapor. Causes eye irritation.
Precautionary Statements	:	**Prevention:** Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed **Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. **Storage:** Store in a well-ventilated place. Keep cool. **Disposal:** Dispose of contents/container to an approved waste disposal plant.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration (%)
ETHANOL	64-17-5	65- 70
PROPYLENE GLYCOL	57-55-6	0 - 5

SECTION 4 – FIRST AID MEASURES

In case of eye contact : Flush eyes under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, seek medical/advice attention.

In case of skin contact : If irritation persists, wash with water.

If ingested : Contact a physician or Poison Control Center immediately. Do not induce vomiting never give anything by mouth to an unconscious person.

If inhaled : Get medical attention if symptoms occur.

Protection of first-aiders : No special precautions are necessary.

Notes to physicians : Treat symptomatically.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet.

Specific hazards during firefighting : Fire Hazard.
Keep away from heat sources of ignition.
Flash back possible over considerable distance.
Beware of vapors accumulating to form explosive concentrations.
Vapors can accumulate in low areas.

Hazardous combustions products : Carbon oxides

Special protective equipment for fire-fighters : Use personal protective equipment.

Specific extinguishing methods : Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion, do not breathe fumes.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Section 7 and 8.

Environmental precautions : Do not allow contact with soil, surface or ground water.

Methods of cleaning up : Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material (e.g., sand earth, diatomaceous earth, vermiculite) and place in container for disposal according to local, state, and federal regulations (See Section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

SECTION 7 – HANDLING AND STORAGE

Handling	:	Avoid contact with eyes. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces. Wash hands thoroughly after handling. Use only with adequate ventilation.
Storage	:	Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.
Storage temperature	:	0 degree C to 45 degree C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with workplace control parameters.

Ingredients	CAS-No.	Form of Exposure	Permissible Concentration	Basis
ETHANOL	64-17-5	TWA	1000 ppm	ACGIH STEL
ETHANOL	64-17-5	TWA	1900 mg/m3	OSHA
PROPYLENE GLYCOL	57-55-6	TWA	10 mg/m3	NIOSH

Engineering measures	:	Good general ventilation should be sufficient to control workers exposure to airborne contamination.

Personal protection

Eyes	:	Eye protection should be used when splashing may occur.
Hands	:	No protective equipment is needed under normal use.
Skin	:	No protective equipment is needed under normal use.
Respiratory	:	No protective equipment is needed under normal use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear gel
Odor: Alcoholic odor
Odor Threshold: No data available
ph: 7.5 typical
Melting point/freezing point: N/A
Initial boiling and boiling range: N/A
Flash point: 77 F; 25 C
Evaporation rate: <1
Flammability (solid, gas): No data available

Upper/lower flammability limits: N/A
Vapor pressure: N/A
Vapor density: N/A
Relative density: No data available.
Solubility (ies): No data available.
Partition coefficient: n-octanol/water: No data available.
Auto ignition temperature: N/A
Decomposition temperature: No data available.
Viscosity: 70,000 CPS @ 77 F; 25 C

SECTION 10 – STABILITY AND REACTIVITY

Stability	:	The product is stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction is known under conditions of normal use.
Conditions to avoid	:	Heat, flames, and sparks.
Incompatible materials	:	None known.
Hazardous decomposition products	:	Carbon oxides

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on likely routines of exposure	:	Inhalation, eye contact, skin contact.

Potential Health Effects

Eyes	:	Cause of irritation.
Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.
Inhalation	:	Health injuries are not known or expected under normal use.
Chronic exposure	:	Health injuries are not known or expected under normal use.

Experience with Human Exposure

Eye contact	:	Redness, irritation.
Skin contact	:	No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
Inhalation	:	No symptoms known or expected.

Toxicity

Acute oral toxicity	:	Acute toxicity estimate: >5,000 mg/kg
Acute inhalation toxicity	:	No data available
Acute dermal toxicity	:	Acute toxicity estimate: >5,000 mg/kg
Skin corrosion/irritation	:	No data available
Serious eye damage/eye irritation	:	Mild eye irritation.
Respiratory or skin sensitization	:	No data available.

Carcinogenicity

IARC	:	No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
OSHA	:	No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	:	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Tests	:	Data is not available.
Environmental Impact	:	The product ingredients are expected to be safe for the environment at the concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal methods	:	The product should not be allowed to enter drains, water courses or the soil. When possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.
RCRA – Resource Conservation and Recovery Act	:	D001 (Ignitable)

SECTION 14 – TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes. The shipper / consignor / sender are responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Shipment	Identification Number	Proper Shipping Name	Hazardous Classification	Packaging Group
US DOT	None	CONSUMER COMMODITY	ORM-D	None
IATA (Air)	ID8000	CONSUMER COMMODITY	9	N/A
IMDG (Vessel)	Un1170	ETHANOL SOLUTION	3	III, LTD QTY

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SECTION 15 – REGULATORY INFORMATION

U.S. Federal regulations

TSCA (Toxic Substances Control Act):	:	All ingredients in this product are either listed, or exempt from listing, on the TSCA Inventory.
CERCLA (Comprehensive Response Compensation, and Liability Act)	:	Not Determined
SARA Title III (Superfund Amendments and Reauthorization Act)	:	None
SARA 313 Reportable Ingredients	:	Fire Hazard Acute Health Hazard

SECTION 16 - OTHER INFORMATION

NFPA 704:



HMIS III:

HEALTH	**1**
FLAMMABILITY	**3**
PHYSICAL HAZARDS	**0**

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Prepared by	:	Regulatory Compliance

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