

## SAFETY DATA SHEET

### FOAMING ALCOHOL HAND SANITIZER

#### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name : FOAMING ALCOHOL HAND SANITIZER

Product Codes : 383040

Recommended use : Hand sanitizer

Product dilution information : Product is sold ready to use.

Company : Kutol Products Company  
100 Partnership Way  
Sharonville, Ohio 45241-1571  
1-800-543-4641

Chemtrec Phone : 1-800-424-9300

Issuing date : 1/23/2015

#### 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

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Concentration (%)</u> |
|----------------------|----------------|--------------------------|
| ETHANOL              | 64-17-5        | 60 - 65                  |
| GLYCERIN             | 56-81-5        | 0 – 5                    |

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#### 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

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#### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with workplace control parameters.

| <u>Ingredients</u> | <u>CAS-No.</u> | <u>Form of exposure</u> | <u>Permissible Concentration</u> | <u>Basis</u> |
|--------------------|----------------|-------------------------|----------------------------------|--------------|
| ETHANOL            | 64-17-5        | TWA                     | 1000 PPM                         | ACGIH STEL   |
| ETHANOL            | 64-17-5        | TWA                     | 1900 mg/m3                       | OSHA PEL     |

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 liquid<br>Odor: Alcoholic odor<br>Odor Threshold: No data available<br>pH: 8.3 typical<br>Melting point/freezing point: N/A<br>Initial boiling and boiling range: N/A<br>Flash point: 73 F<br>Evaporation rate: <1<br>Flammability (solid, gas): No data available | Upper/lower flammability limits: N/A<br>Vapor pressure: N/A<br>Vapor density: N/A<br>Relative density: No data available.<br>Solubility (ies): No data available.<br>Partition coefficient: n-octanol/water: No data available.<br>Auto ignition temperature: N/A<br>Decomposition temperature: No data available.<br>Viscosity: N/A |
|--|--|

#### 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.

**SAFETY DATA SHEET****FOAMING ALCOHOL HAND SANITIZER****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.

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| 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    |

#### SECTION 15 – REGULATORY INFORMATION

##### U.S. Federal regulations

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

#### SECTION 16 - OTHER INFORMATION

##### NFPA 704:



##### HMIS III:

|                         |          |
|-------------------------|----------|
| <b>HEALTH</b>           | <b>1</b> |
| <b>FLAMMABILITY</b>     | <b>3</b> |
| <b>PHYSICAL HAZARDS</b> | <b>0</b> |

|              |   |                       |
|--------------|---|-----------------------|
| Issuing date | : | 1/23/2015             |
| Version      | : | 1.0                   |
| Prepared by  | : | Regulatory Compliance |

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