## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|---|---|
| Product name | JERMEE HAND SANITIZER |
| Item# | 4003 |
| Other means of identification | not applicable |
| Recommended use | Hand Sanitizer |
| Restrictions on use | Reserved for industrial and professional use. |
| Product dilution information | Product is sold ready to use. |
| Company | Jermee Inc.<br>98 Cutter Mill Road<br>Great Neck, NY 11021<br>1877-453-7633 |
| Issuing date | 05/11/2020 |

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

| | |
|---|---|
| Flammable liquids | Category 3 |
| Eye irritation | Category 2A |

**GHS Label element**

Hazard pictograms

| | |
|---|---|
| Signal Word | Warning |
| Hazard Statements | Flammable liquid and vapor.<br>Causes serious eye irritation. |
| Precautionary Statements | **Prevention:**<br>Keep away from heat/sparks/open flames/hot surfaces. - No smoking.<br>Keep container tightly closed.<br>**Response:**<br>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. 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.<br>**Storage:**<br>Store in a well-ventilated place. Keep cool.<br>**Disposal:**<br>Dispose of contents/ container to an approved waste disposal plant. |
| **Other hazards** | None known. |

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|---|---|
| Pure substance/mixture | Mixture |

| Chemical Name | CAS-No. | Concentration(%) |
|---|---|---|
| ethanol | 64-17-5 | 70 - 80 |
| isopropyl alcohol | 67-63-0 | 1 - 4 |

## SECTION 4. FIRST AID MEASURES

| | |
|---|---|
| In case of eye contact | Rinse with water. |
| In case of skin contact | Rinse with water. |
| If swallowed | Rinse mouth. Get medical attention if symptoms occur. |
| If inhaled | Get medical attention if symptoms occur. |
| Protection of first-aiders | No special precautions are necessary for first aid responders. |
| Notes to physician | Treat symptomatically. |

**See toxicological information (Section 11)**

## 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 fire fighting | Fire Hazard<br>Keep away from heat and sources of ignition.<br>Flash back possible over considerable distance.<br>Beware of vapors accumulating to form explosive concentrations.<br>Vapors can accumulate in low areas. |
| Hazardous combustion 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, protective equipment and emergency procedures | Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8. |
| Environmental precautions | Do not allow contact with soil, surface or ground water. |
| Methods and materials for containment and 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/ national regulations (see |

## SECTION 7. HANDLING AND STORAGE

| | |
|---|---|
| Advice on safe handling | Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces. |
| Conditions for safe 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. |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ingredients with workplace control parameters**

| Ingredients | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| Ethanol | 64-17-5 | TWA<br><br>TWA<br><br>STEL | 1,000 ppm<br>1,900 mg/m3<br>1,000 ppm<br>1,900 mg/m3<br>1,000 ppm | NIOSH REL<br><br>OSHA Z-1<br><br>ACGIH |
| Isopropy alcohol | 67-63-0 | TWA<br>STEL<br>TWA<br><br>ST<br><br>TWA | 200 ppm<br>400 ppm<br>400 ppm<br>980 mg/m3<br>500 ppm<br>1,225 mg/m3<br>400 ppm<br>980 mg/m3 | ACGIH<br>ACGIH<br>NIOSH REL<br><br>NIOSH REL<br><br>OSHA Z-1 |

| | |
|---|---|
| Engineering measures | Good general ventilation should be sufficient to control worker exposure to airborne contaminants. |

**Personal protective equipment**

| | |
|---|---|
| Eye protection | No special protective equipment required. |
| Hand protection | No special protective equipment required. |
| Skin protection | No special protective equipment required. |
| Respiratory protection | No personal respiratory protective equipment normally required. |
| Hygiene measures | No specific measures identified. |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Appearance | gel |
| Color | opaque, white |
| Odor | alcoholic |
| PH | 6.3 - 8.5, 100 % |
| Flash point | 27°C closed cup |
| Odor Threshold | no data available |
| Melting point/freezing point | no data available |
| Initial boiling point and boiling range | no data available |

| | |
|---|---|
| Evaporation rate | no data available |
| Flammability (solid, gas) | no data available |
| Upper explosion limit | no data available |
| Lower explosion limit | no data available |
| Vapor pressure | no data available |
| Relative vapor density | no data available |
| Relative density | 0.869 - 0.873 |
| Water solubility | no data available |
| Solubility in other solvents | no data available |
| Partition coefficient: n-octanol/water | no data available |
| Autoignition temperature | no data available |
| Thermal decomposition | no data available |
| Viscosity, kinematic | no data available |
| Explosive properties | no data available |
| Oxidizing properties | no data available |
| Molecular weight | no data available |
| VOC | no data available |

## SECTION 10. STABILITY AND REACTIVITY

| | |
|---|---|
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction 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 routes of exposure : Inhalation, Eye contact, Skin contact

**Potential Health Effects**

| | |
|---|---|
| Eyes | Causes serious eye 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 , Pain, 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 | no data available |
| Skin corrosion/irritation | no data available |
| Serious eye damage/eye irritation | no data available |
| 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 probable, possible or confirmed human carcinogen by IARC. |
| OSHA | No ingredient of this product present 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. |
| Reproductive effects | no data available |
| Germ cell mutagenicity | no data available |
| Teratogenicity | no data available |
| STOT-single exposure | The substance or mixture is not classified as specific target organ toxicant, single exposure. |
| STOT-repeated exposure | no data available |
| Aspiration toxicity | no data available |

**Ingredients**

| | | |
|---|---|---|
| Acute dermal toxicity | : | ethanol<br>LD50 Rabbit: 15,800 mg/kg<br><br>Isopropyl Alcohol<br>LD50 Rabbit: 12,870 mg/kg |

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

| | |
|---|---|
| Environmental Effects | Harmful to aquatic life. |

**Product**

| | | |
|---|---|---|
| Toxicity to fish | : | No data available |
| Toxicity to daphnia and other aquatic invertebrates | : | No data available |
| Toxicity to algae | : | No data available |

**Ingredients**

| | | |
|---|---|---|
| Toxicity to fish | : | ethanol<br>96 h LC50 Fish: 11,000 mg/l<br><br>Isopropyl Alcohol<br>96 h LC50 Fish: 9,640 mg/l |

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

| | | |
|---|---|---|
| Disposal methods | : | The product should not be allowed to enter drains, water courses or the soil. Where 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 re-use empty containers. |
| RCRA - Resource Conservation and Recovery Authorization Act Hazardous waste | : | D001 (Ignitable) |

## SECTION 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**Land transport (DOT)**

| | | |
|---|---|---|
| UN number | : | 1170 |
| Description of the goods | : | Ethanol |
| Class | : | 3 |
| Packing group | : | III |
| Environmentally hazardous | : | no |

**Sea transport (IMDG/IMO)**

| | | |
|---|---|---|
| UN number | : | 1170 |
| Description of the goods | : | Ethanol |

| | |
|---|---|
| Class | 3 |
| Packing group | III |
| Marine pollutant | no |

## SECTION 15. REGULATORY INFORMATION

**EPCRA- Emergency Planning and Community Right-to-Know**

**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

| | |
|---|---|
| **SARA 311/312 Hazards** | Fire Hazard<br>Acute Health Hazard |
| **SARA 302** | SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III , Section 302. |
| **SARA 313** | SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title 111 , Section 313. |

**California Prop 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**The ingredients of this product are reported in the following inventories:**

**1907/2006 (EU)** :
not determined

**Switzerland. New notified substances and declared preparations** :
not determined

**United States TSCA Inventory** :
On TSCA Inventory

**Canadian Domestic Substances List (DSL)** :
This product contains one or several components that are not on the Canadian DSL nor NDSL.

**Australia Inventory of Chemical Substances (AICS)** :
not determined

**New Zealand. Inventory of Chemical Substances** :
not determined

**Japan. ENCS - Existing and New Chemical Substances Inventory** :
not determined

**Japan. ISHL - Inventory of Chemical Substances (METI)** :
not determined

**Korea. Korean Existing Chemicals Inventory (KECI)** :
not determined

**Philippines Inventory of Chemicals and Chemical Substances (PICCS)** :

not determined

**China. Inventory of Existing Chemical Substances in China (IECSC)** :
not determined

## SECTION 16. OTHER INFORMATION

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.