

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY INFORMATION

**Product name:** Hand Sanitizer  
**MSDS#:** 201009019  
**Manufacturer:** Jessie Commodity Co.,Ltd  
**Address:** NO.67,ZHENXIN WEST ROAD,YUYAO ZHEJIANG,CHINA

**Emergency telephone number:** 86-574-62811686

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

Avoid contact with eyes. Do not ingest. Do not extrude or incinerate container. Do not place near radiations, stoves or other sources of heat. Keep out of reach of children.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredient	CAS#	Weight %
Ethyl Alcohol	64-17-5	62% (active ingredient)
Deionizer Water	7732-18-5	28.95%
Glycerin	50-81-5	5%
Proylene glycol	68583-51-7	3%
Carbomer	54182-57-9	0.3%
Triethanolamine	102-71-6	0.25%
Tocopherol Acetate	1959-2-9	0.2%
Fragrance		0.3%

## 4. PHYSICAL DATA

The following physical data are approximate only and do not represent specification Values. They should only be used in the context of this material safety data sheet.

**PHYSICAL STATE:** Mixture of liquid  
**VAPOUR DENSITY (AIR=1):** 62%  
**SOLUBILITY IN WATER (%by Wt):** 100%  
**APPEARANCE AND ODOUR:** Light green, a little aroma  
**RELATIVE DENSITY:** 0.876  
**pH:** 6-7  
**FREEZEING POINT:** <0°C

## 5. FIRE AND EXPLOSION HAZARDS

**FLASH POINT:** 73°F  
FLAMMABLE LIMITS IN AIR (% BY VOLUME)  
**LOWER:** 1.8 – 2.2  
**UPPER:** 8.4 – 9.5

AUTO IGNITION TEMPERATURE: N/A °C  
EXTINGUISHING MEDIA  DRY CHEMICAL, CO2, FOAM  
\_\_\_\_\_ OTHER

**SPECIAL FIRE FIGHTING PROCEDURES:**

Water from fogging nozzles may be used to cool closed containers  
To prevent pressure build up if exposed to extreme temperatures.  
\_\_\_\_\_ Other

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Containers may explode if exposed to temperatures > 50°C  
 Sensitive to shock  
 Sensitive to static discharge

FLAMMABILITY OF AN AEROSOL IS DETERMINED BY FLAME PROJECTION. THE  
FLAME

PROJECTION OF THIS PRODUCT IS CLASSIFIED AS:

\_\_\_\_\_ ZERO cm (NON-FLAMMABLE)  
 0 – 15 cm (CAUTION)  
\_\_\_\_\_ 15 – 45 cm (WARNING)  
\_\_\_\_\_ OVER 45 cm (DANGER)

**HAZARDOUS COMBUSTION PRODUCTS:**

\_\_\_\_\_ Possible phosgene over 500 °C  
 Hydrocarbon fumes and smoke, co where combustion is incomplete.  
\_\_\_\_\_ Other

## 6. REACTIVITY DATA

STABILITY:  STABLE  
\_\_\_\_\_ UNSTABLE

HAZARDOUS POLYMERIZATION:  WILL NOT OCCUR  
\_\_\_\_\_ MAY OCCUR

HAZARDOUS POLYMERIZATION:  STABLE  
\_\_\_\_\_ STABLE

**Personal Precaution:** Avoid directly contact with eyes.

**Environmental Precaution:** Keep away from drains, surface and ground  
water and soil.

## 7. HANDLING AND STORAGE

**Handling:**

Avoid contact with eyes. Keep away from open flames and hot surfaces. Do not puncture or incinerate.

**Storage:**

Store in a cool, dry secure area inaccessible to small children and pets. Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

General room ventilation is adequate. No special ventilation requirements.

**Personal Protective Equipment**

**Eye protection:**

Do not rub eyes with contaminated hand.

**Hygiene measures:**

spray small amount in your palm and briskly rub hands together until dry.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Liquid

**Boiling point/range:** N/A

**Melting point/range:** N/A

**Specific gravity:** 0.90(Water=1)

**Vapor density:** N/A

**Autoignition temperature:** N/A

**Solubility in other solvents:** N/A

**Viscosity:** N/A

## 10. STABILITY AND REACTIVITY

**Stability:** Stable.

**Reactivity:** Avoid contact with strong acid, alkali or oxidizing agents.

**Polymerization:** Will not occur.

**Condition to avoid:** High heat or open flame.

## 11. TOXICOLOGICAL INFORMATION

**Component Information:**

See Section 3

**Chronic toxicity:**

None known

**Specific effects**

**Carcinogenic effects:**

None known

**Mutagenic effects:**

None known

**Reproductive toxicity:**

None known

**Target organ effects:**

None known

## 12. ECOLOGICAL INFORMATION

No ecological studies have been carried out on this product.

### **13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:**

Dispose of according to all federal, state and local regulations.

### **14. TRANSPORT INFORMATION**

**UN Number:** 1170

**UN Proper**

**Class:** 3

**Packing Group:** 3

### **15. REGULATORY INFORMATION**

**Chemical Inventory Status:** All ingredients of this product are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**Other Classifications**

DSCL (EEC):R36/38-Irritating to eyes and skin.

### **16. OTHER INFORMATION**

**Reason for revision:** Not applicable

**Other Special Consideration:** Not available.