

# Material Safety Data Sheet

## Hand Sanitizer

Revision date: 30-March-2020

Date Printed: 30-March-2020

### 1. Identification of the Substances/Preparation and of the Company/Undertaking

*Product Name:* Hand Sanitizer

*Supplier:* QUANZHOU BESTHOPE HOUSEHOLD PRODUCTS  
CO.,LTD

*Factory:* Besthope Industrial Park, South of Huian City, Quanzhou, Fujian,

*Telephone:* +86 595 87322398

*Fax:* +86 595 87325757

*Emergency telephone:* +86 595 87325398

### 2. Hazards Identification

**GHS Classification:**

*Flammable liquids* Category 2

**Signal Word:** Danger

**Hazard Statement:**

*H225* Highly flammable liquid and vapour.

**Prevention Precautionary Statements:**

*P210* Keep away from heat/sparks/open flames/hot surfaces No smoking.

*P233* Keep container tightly closed.

*P240* Ground/bond container and receiving equipment.

*P241* Use explosion-proof electrical/ventilating/light/equipment.

*P242* Use only non-sparking tools.

*P243* Take precautionary measures against static discharge.

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## Hand Sanitizer

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### 3. Composition/Information on Ingredients

<i>Ingredients</i>	<i>CAS Number</i>	<i>Proportion</i>
Alcohol	64-17-5	75.0000
Water (Aqua)	7732-18-5	17.3500
Acrylates Copolymer	25133-97-5	5.0000
Xanthan gum	11138-66-2	1.0000
Glycerin	56-81-5	0.8000
Butylene Glycol	107-88-0	0.5000
Aminomethyl Propanol	124-68-5	0.3000
Aloe Barbadosensis Leaf Extract	85507-69-3	0.0500

### 4. First-Aid Measures

**General Information:** Generally not hazardous in normal handling. Avoid long term exposure to skin or by inhalation.

**Eye Contact:** Gently lift eyelids and flush continuously with water. Remove contact lenses if present and easy to do – continue rinsing. If irritation persists, seek medical assistance.

**Skin Contact:** For skin contact flush with water. Seek medical assistance if feeling unwell.

**Inhalation:** If breathed in, move person into fresh air.

**Ingestion:** Rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical assistance.

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## Hand Sanitizer

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### 5. Fire-Fighting Measures

**Flammable Properties:** Flammable Liquid.

**General Information:** Containers can build up pressure if exposed to heat and/or fire. Containers may explode in the heat of a fire.

**Suitable Extinguishing Media:** Dry chemical, carbon dioxide water spray or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Water may be ineffective. Do not use straight streams of water.

**Special Protective Equipment for Fire-Fighters:** As in any fire, Wear self contained breathing apparatus for fire fighting if necessary.

### 6. Accidental Release Measures

**Personal Precautions:** Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up:**

**Small Spill:** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

**Large Spill:** Flammable liquid. KEEP AWAY FROM HEAT. KEEP AWAY FROM HEAT SOURCES OF IGNITION. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Prevent entry into sewers, basements or confined areas.

### 7. Handling and Storage

**Handling:** Keep away from heat/sparks/open flames/hot surfaces - No smoking. Do not pressurize, cut, drill. Do not expose empty containers to heat, sparks or open flames. Keep out of the reach of children.

In the transport and production processing, ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/light/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**Storage:** Keep container tightly closed. Store in a cool, dry, well-ventilated area away from incompatible substances and flammables-area. Keep away from sources of ignition.

### 8. Exposure Controls/Personal Protection

**Exposure Limits:** Not established for the finished product.

**Engineering Controls:** None.

**Personal Protective Equipment:**

# Material Safety Data Sheet

## Hand Sanitizer

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**Hand and Skin Protection:** No special requirements with normal consumer use. Recommended: Wear plastic or rubber gloves in production processing.

**Eye Protection:** No special requirements with normal consumer use.

**Respiration Protection:** No special requirements with normal consumer use.

**Hygiene Measures:** Avoid contact with eyes. Wash hands after handling the product.

### 9. Physical and Chemical Properties

<b>General Information</b>	<i>Slight odor of alcohol</i>
<b>Color:</b>	<i>Transparent and colorless</i>
<b>Appearance:</b>	<i>Liquid</i>
<b>pH:</b>	<i>N/A</i>
<b>Melting Point/Range:</b>	<i>N/A</i>
<b>Boiling Point/Range:</b>	<i>81.1 °C</i>
<b>Ignition Temperature:</b>	<i>N/A</i>
<b>Flash Point:</b>	<i>20 °C</i>
<b>Density at 20 °C:</b>	<i>N/A</i>
<b>Relative Vapor Density(Air=1):</b>	<i>N/A</i>
<b>Vapor Pressure:</b>	<i>N/A</i>
<b>Viscosity:</b>	<i>N/A</i>
<b>Solubility in Water:</b>	<i>Soluble</i>
<b>Explosion Limits in Air - Upper :</b>	<i>N/A</i>
<b>Explosion Limits in Air - Lower:</b>	<i>N/A</i>

### 10. Stability and Reactivity

**Stability:** Stable under normal temperatures and pressures.

**Incompatible Materials:** Strong oxidizing agents, acids, alkali metals peroxides, ammonia.

**Conditions to Avoid:** Heat, ignition sources, incompatible materials.

**Hazardous Polymerization:** Will not occur.

### 11. Toxicological Information

**General Information:** This product is liquid. The use of this product by consumer is safe under normal and reasonable foreseen use.

# Material Safety Data Sheet

## Hand Sanitizer

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*Ethyl Alcohol(CAS#64-17-5): LD50=7,060 mg/kg (Oral, Rat)*

**Acute Dermal Toxicity:**

*Ethyl Alcohol(CAS#64-17-5): LD50=15,800 mg/kg (Skin, Rabbit)*

**Chronic Effects:** *Due to the nature and composition of this product no chronic health effects are anticipated.*

**Skin Corrosion/Irritation:** *No data available.*

**Serious Eye Damage/Eye Irritation:** *No data available.*

**Respiratory or Skin Sensitization:** *No data available.*

**Germ Cell Mutagenicity:** *No data available.*

**Carcinogenicity:** *None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the European Directive (67/548/EEC).*

**Reproductive Toxicity:** *No data available.*

**Epidemiology:** *No data available.*

**Mutagenic Effects:** *No data available.*

**Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System):** *No data available.*

**Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System):** *May cause skin drying effect and allergic sensitivity reactions.*

**Aspiration Hazard:** *No data available.*

### 12. Ecological Information

**General Information:** *No ecological consideration when used according to directions. Normal dilution of this product to drains, sewers, septic systems and treatment plants is not considered environmentally harmful.*

**Ecotoxicity:** *No data available.*

**Mobility:** *The product is soluble in water. May move with current water.*

**Persistence and Degradability:** *No known significant effects or critical hazards.*

### 13. Disposal Considerations

**Waste Disposal Methods:** *Do not let undiluted materials into any sewers, on the ground or into any body of water. Dispose of material in accordance with all federal, state, and local regulations.*

### 14. Transport Information

*The information provided in this section is for information only. Please apply regulations to properly classify your shipment for transport.*

*Suggestion according to IMO TMDG Code*

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**Shipping Name: Suggestion according to IMO TMDG Code**

**Shipping Name:** waterless hand sanitizer with alcohol

**Class or Division:** 3

**UN Number:** UN 1170

**Packing Group:** II

**if this products transport to JP or delivery in JP, the related information base on and obey U.S.Department of Transportation (DOT.) 's laws**

**Suggestion according to US DOT**

**Shipping Name:** ETHANOL(ETHYL ALCOHOL) or ETHANOL SOLUTION(ETHYL ALCOHOL SOLUTION)

**Class or Division:** 3

**UN Number:** UN 1170

**Packing Group:** II

### 15. Regulatory Information

#### **EU Regulations**

##### **I. Labeling (Regulation (EC) No 1272/2008)**

Signal Words: Danger

Hazard Pictograms:



Hazard Statements: H225

Precautionary Statements: P210, P233, P241, P242, P243, P280, P303+P361+P353

##### **II. Labeling (67/548/EEC or**

**1999/45/EC) R11; F**

#### **Canadian Regulations**

DSL Status: All components of this product are on the Canadian DSL list.

NDSL Status: All components of this product are listed on the Canadian NDSL list.

#### **United States Regulations**

EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

SARA Toxic Chemical (40 CFR 372.65): None

These products do not contain chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

TSCA Inventory Status (40 CFR710): All components of this formulation are listed in the TSCA Inventory.

California Proposition 65: This product does not intentionally contain any chemicals which have been identified by the state of California to cause cancer, birth defects or other reproductive harm.

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### 16. Other Information

**Abbreviations:**

*LD50 – Lethal Dose 50 Percent Kill*  
*IMO – International Marine Organization*  
*IMDG - International Maritime Dangerous Goods*  
*DSL –Domestic Substance List (Canada)*  
*NDSL – Non-Domestic Substance List (Canada) IARC*  
*- International Agency for Research on Cancer*  
*OSHA - Occupational Safety & Health Administration*  
*TSCA - Toxic Substances Control Act*

*The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regards to the product's properties.*

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*Organizer : Miss Yang*

*Department :*

*Company : QUANZHOU BESTHOPE HOUSEHOLD  
PRODUCTS CO.,LTD*

*Modify the description : NO*