

Material Safety Data Sheet

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Product name : Hand Sanitizer

1.2 Relevant identifier uses of the substance or mixture and uses advised against

Relevant identified uses: Cleaning and disinfection.

Uses advised against: No information available

1.3 Details of the supplier of the material safety data sheet

Company : Yuyao Jessie Commodity Co., Ltd

Address:No.67,zhenxing Road, Yuyao City,Zhejiang province, China, 315400

Telephone : (86) 574 62811686

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No.1272/2008(CLP) /GHS Rev5

Flammable liquids	Category 3
Serious eye damage/eye irritation	Category 2

Physical and Chemical hazards



GHS02

Flam. Liq.1-H228,Flammable liquids.

Human Health Hazards



GHS07

Eye Irrit.2 - H319, Causes serious eye irritation

Environmental Hazards

Based on available data,the classification criteria are not met.

Information concerning particular Hazards for human and environment

The product has to be labeled due to the calculation procedure of Regulation 1272/2008/EC.

Classification system

The classification is according to the latest edition of Regulation 1272/2008/EC,and extended by company and literature data.

2.2 Label elements

Labelling according to Regulation(EC) No.1272/2008/(CLP) GHS Rev5



Hazard pictograms

Signal word

Danger

Hazard statements

H228

Causes serious eye irritation

H319

Causes serious eye irritation

Precautionary statements

Prevention precautionary statements

- P210 *Keep away from heat/sparks/open flames/hot surfaces.No smoking.*
- P240 *Ground/bond container and receiving equipment.*
- P241 *Use explosion-proof electrical/ventilating/lighting/.../equipment.*
- P264 *Wash skin thoroughly after handling.*
- P280 *Wear eye protection/face protection.*

Response precautionary statements

- P305+P351+P338 *IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses,if present and easy to do.Continue rinsing.*
- P337+P313 *If eye irritation persists: Get medical advice/attention.*
- P370+P378 *In case of fire: Use dry chemical or alcohol-resistant foam to extinction.*

Storage precautionary statements --

Disposal precautionary statements --

Supplemental Hazard information

No information available

Special rules for supplemental label elements for certain mixtures

No information available

2.3 other Hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: *Not applicable.*

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<i>INCI</i>	<i>CAS-No.</i>	<i>Concentration %</i>
<i>Alcohol</i>	<i>64-17-5</i>	<i>62</i>
<i>Aqua</i>	<i>7732-18-5</i>	<i>To 100</i>
<i>Glycerin</i>	<i>56-81-5</i>	<i>5</i>
<i>Propylene Glycol</i>	<i>57-55-6</i>	<i>3</i>
<i>Aloe Barbadensis Leaf Extract</i>	<i>85507-69-3</i>	<i>1</i>
<i>Carbomer</i>	<i>9007-16-3</i>	<i>0.5</i>
<i>Tocopheryl Acetate</i>	<i>58-95-7</i>	<i>0.1</i>
<i>Fragrance (Parfum)</i>	<i>/</i>	<i>0.0~0.3</i>

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice : *If symptoms persist, call a physician.*

Inhalation:*If breathed in, move person into fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.*

Skin contact : *wash immediately with plenty of soap and water.*

If skin irritation persists, call a physician.

Eye contact : *Immediately flush eye(s) with plenty of water.*

If eye irritation persists, consult a specialist.

Ingestion : *If swallowed, do not induce vomiting - seek medical advice.*

Immediately give large quantities of water to drink.

Never give anything by mouth to an unconscious person.

4.2 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide,extinguishing powder,foam or water spray.

Unsuitable extinguishing media

No further relevant information available.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

As in any fire,wear self-contained breathing apparatus pressure-demand,MSHA-NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Use personal protective equipment.

6.2 Environmental precautions

Prevent product from entering drains.

6.3 Methods for containment / Methods for cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures

Avoid contact with eyes.Avoid ingestion and inhalation.Wash hands before breaks and immediately after handling the product.keep away from heat/open flames/hot surfaces.

Advice on general occupational hygiene

Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage,including any incompatibilities.

Technical measures and storage conditions.

Store away from incompatible materials described in Section 10.

Requirements for storage rooms and vessels

Store in a dry,cool and well-ventilated place.

Further information about storage conditions

Keep container tightly closed.

7.3 Specific end use(s)

Apart from the uses mentioned in Section 1,no other specific uses are stipulated.

8. EXPOSURE CONTROLS/PERSONAL PROTECION

8.1 Engineering measures to reduce exposure

General room ventilation is adequate. No special ventilation requirements.

8.2 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**9.1 Information on basic physical and chemical properties****Appearance**

From	<i>Gel</i>
Color	<i>Colorless,transparent</i>
Odor	<i>Alcohol smell</i>
PH	<i>6.5~8.5 at 20 °C</i>
Flash point(closed cup)	<i>22.5 °C (Liquid part,closed cup)</i>
Boiling point/range	<i>78.5 °C at 101.3 kPa</i>
Melting point/range	<i>-110 °C at 101.3 kPa</i>
Specific gravity	<i>0.85~0.90(Water=1)</i>
Explosion Limits	
<i>Lower:</i>	<i>3.3% (alcohol)</i>
<i>Upper:</i>	<i>19% (alcohol)</i>
Vapor density	<i>1.11</i>
Autoignition temperature	<i>N/A</i>
Solubility in other solvents	<i>N/A</i>
Viscosity	<i>N/A</i>

10.STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable at normal temperatures and storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Incompatible materials.Direct sunlight.Extremely high temperatures.Open flame.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

No data available.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Oral *Based on available data,the classification criteria are not met.*

Dermal *Based on available data,the classification criteria are not met.*

Inhalation *Based on available data,the classification criteria are not met.*

Skin corrosion/irritation *Based on available data,the classification criteria are not met.*

Serious eye damage/eye irritation *Category 2.*

Respiratory or skin sensitization

Respiratory *Based on available data,the classification criteria are not met.*

skin *Based on available data,the classification criteria are not met.*

Germ cell mutagenicity *Based on available data,the classification criteria are not met.*

Carcinogenicity *Based on available data,the classification criteria are not met.*

Reproductive toxicity *Based on available data,the classification criteria are not met.*

STOT-single exposure *Based on available data,the classification criteria are not met.*

STOT-repeated exposure *Based on available data,the classification criteria are not met.*

Aspiration hazard *Based on available data,the classification criteria are not met.*

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity

CAS No.	
64-17-5	LC50:14200 mg/L,96h,Pimephales promelas EC50:9280 mg/L,48h,Water flea EC50:275 mg/L,72h,Chlorella vulgaris

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

CAS No.	Log Pow	Bioconcentration factor(BCF)
64-17-5	-0.32	No data available

12.5 Results of PBT and vPvB assessment

PBT:Not applicable.

vPvB:Not applicable.

12.6 Other adverse effects

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

Persistent Organic Pollutant

This product does not contain any known or suspected substance.

Ozone Depletion Potential

This product does not contain any known or suspected substance.

13. DISPOSAL CONSIDERATIONS

13.1 Waste from residues / unused products

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

14. TRANSPORT INFORMATION

14.1 UN-Number

UN number UN 1170

14.2 UN proper shipping name

CONTAINING FLAMMABLE LIQUID

14.3 Transport hazard class(es) 3

14.4 Packing group II

15. REGULATORY INFORMATION

15.1 Chemical Inventory Status

All ingredients of this product are excluded from listing on the U.S. Toxic Substances

Control Act (TSCA) Chemical Substance Inventory.

15.2 Other Classifications

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

16.OTHER INFORMATION

Reason for revision: Not applicable

Other Special Consideration: Not available.

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