

SAFETY DATA SHEET

Hand Sanitizer

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according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2015/830; US OSHA HCS 2015; and Canadian WHMIS 2015.

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Code: HAND SANITIZER

Product Name: Hand Sanitizer

Additional Information This is a personal care ,health care product that is safe for consumers and other users under normal and reasonably foreseeable use. These products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

1.2 Relevant identified uses of the substance or mixture and uses advised against:

1.3 Details of the Supplier of the Safety Data

Sheet:

Company Name: Zhejiang Pure Essential

Cosmetic Company Limited

Company Address:

No.92 Qiuling Road,
Lanxi City,Zhejiang Province,
China

Phone Number: 0579-88937761

Email address: aronlau@hotmail.com

1.4 Emergency

Emergency Telephone No.: 0086-579- 88937761

Customer Service: 0086-579- 88937760

Section 2. Hazards Identification

2.1 Classification of the Substance or Mixture:

Flammable Liquids, Category 3

Serious Eye Damage/Eye Irritation, Category 2A

Flammable Liquids, Category 2

Specific Target Organ Toxicity (single exposure), Category 3

Aquatic Toxicity (Acute), Category 3 Aquatic Toxicity

(Chronic), Category 3

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2.2 Label Elements:

**GHS Signal Word:****Danger****GHS Hazard Phrases:**

H225 - Highly flammable liquid and vapor.

H226 - Flammable liquid and vapor.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

H402 - Harmful to aquatic life.

H412 - Harmful to aquatic life with long lasting effects.

GHS Precautionary Phrases:

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

P233 - Keep container tightly closed.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 - Wash hands thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:

P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P337+313 - If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases:

P405 - Store locked up.

P501 - Dispose of contents/container to ...

UFI:

2.3 Adverse Human Health Hazards not otherwise classified (HNOC) or not covered by GHS -none. Hazards not
Effects and Symptoms: otherwise classified (HNOC) or not covered by GHS. Chronic: None.

2.3.1 Inhalation: No hazard expected in normal industrial use.

2.3.2 Skin Contact: Non-irritating to the skin.

2.3.3 Eye Contact: Non-irritating to the eyes.

2.3.4 Ingestion: No hazard expected in normal industrial use.

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/	Concentration	EC No./	GHS Classification
64-17-5	ALCOHOL	80.0	200-578-6	Flam. Liq. 2: H225
7732-18-5	AQUA(STERILE DISTILLED WATER)	18.425	231-791-2	No GHS classifications apply.

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56-81-5	GLYCERIN	1.45	200-289-5	No GHS classifications apply.
7722-84-1	HYDROGEN PEROXIDE	0.125	7722-84-1	Ox.liq.1;H271

Section 4. First Aid Measures

- 4.1 Description of First Aid** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
- Measures:** dangerous area.
- In Case of Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
- In Case of Skin Contact:** Wash off with soap and plenty of water. Consult a physician. No specific treatment is necessary, since this material is not likely to be hazardous.
- In Case of Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. No specific treatment is necessary, since this material is not likely to be hazardous.
- In Case of Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. No specific treatment is necessary, since this material is expected to be non-hazardous.
- 4.2 Important Symptoms and Effects, Both Acute and Delayed:** The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
- Note for the Doctor:** Treat symptomatically and supportively.
- 4.3 Indication of any immediate medical attention and special treatment needed:** No data available.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Not available.
- 5.2 Flammable Properties and Hazards:** Carbon oxides,
No data available.
No data available.
- Flash Pt:** 17.00 C Method Used: Estimate
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- 5.3 Fire Fighting Instructions:** Wear self contained breathing apparatus for fire fighting if necessary. Further information. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

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Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8. Evacuate personnel to safe areas.
- 6.2 Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
- 6.3 Methods and Material For Containment and Cleaning Up:** Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2. Use explosion-proof equipment. No special handling procedures are required.
- 7.2 Precautions To Be Taken in Storing:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: 2 -8 - 8 deg.C.
Storage class 510) No special storage requirements.
- Other Precautions:** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8. Exposure Controls/Personal Protection**8.1 Exposure Parameters:**

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
64-17-5	ALCOHOL	ACGIH TLV	TLV: 1000 ppm	
			STEL: 1000 ppm	
		France VL	TWA: 1900 mg/m3 (1000 ppm)	
			STEL: 9500 mg/m3 (5000 ppm)	
7722-84-1	HYDROGEN PEROXIDE	OSHA PELs	PEL: 1000 ppm	
		Britain EH40	TWA: 1920 mg/m3 (1000 ppm)	
			STEL: ()	
		ACGIH TLV	TLV: 10 mg/m3	
		France VL	TWA: 10 mg/m3	
		OSHA PELs	PEL: 15 (dust); 5 (resp.) mg/m3	
		Britain EH40	TWA: 10 mg/m3 ()	
			STEL: ()	

8.2 Exposure Controls:

- 8.2.1 Engineering Controls (Ventilation etc.):** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. There are no special ventilation requirements.

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8.2.2 Personal protection equipment:

Eye Protection:	Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Eye protection is not normally required. Safety glasses with side-shields conforming to EN166.
Protective Gloves:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Protective garments not normally required.
Other Protective Clothing:	Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Protective garments not normally required.
Respiratory Equipment (Specify Type):	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respirator protection is not normally required.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.2.3 Environmental Exposure Controls: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States:	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid		
Appearance and Odor:	Color: Clear. Nearly odorless.		
pH:	No data.		
Melting Point:	NA -94.00 - 137.00 C		
Boiling Point:	No data. - 100.00 C		
Flash Pt:	17.00 C	Method Used:	Estimate
Evaporation Rate:	No data.		
Flammability (solid, gas):	No data available.		
Explosive Limits:	LEL: No data.		UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	No data.		
Specific Gravity (Water = 1):	No data.		
Density:	~ 0.89 G/CM3		
Solubility in Water:	No data.		
Octanol/Water Partition Coefficient:	No data.		

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Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: No data.
Explosive Properties: No data available.
Oxidizing Properties: No data available.

9.2 Other Information

Percent Volatile: No data.

Section 10. Stability and Reactivity

10.1 Reactivity: No data available.
10.2 Stability: Unstable [] Stable [X]
10.3 Conditions To Avoid - Hazardous Reactions: No data available. Vapors may form explosive mixture with air.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
10.4 Conditions To Avoid - Instability: Heat, flames and sparks. Extremes of temperature and direct sunlight.
10.5 Incompatibility - Materials To Avoid: Strong oxidizing agents. Strong oxidizing agents, Strong reducing agents, Bases, None. Strong bases.
10.6 Hazardous Decomposition or Byproducts: No data available. In the event of fire: see section 5. Other decomposition products: None. Carbon oxides.

Section 11. Toxicological Information

11.1 Information on Toxicological Effects: Acute toxicity. No data available. Inhalation: Dermal. Germ cell mutagenicity. Reproductive toxicity. Aspiration hazard: Epidemiology: Teratogenicity: No data available. Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies:
Irritation or Corrosion: Skin corrosion/irritation. No data available. Serious eye damage/eye irritation no data available. Provide adequate ventilation. Result: Tumorigenic: Tumors at site or application. Mild eye irritation -24. Serious eye damage/eye irritation: Eyes - rabbit -
Sensitization: No data available. Guinea pig 88%, 4 Result: Tumorigenic: Tumors at site or application.
Chronic Toxicological Effects: Specific target organ toxicity -single exposure (Globally Harmonized System) No data available. Specific target organ toxicity -repeated exposure: no data available. Specific target organ toxicity - single exposure: May cause drowsiness or dizziness. Specific target organ toxicity - repeated exposure:
Carcinogenicity/Other Information: 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. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification. CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

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CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64-17-5	ALCOHOL	n.a.	1	A4	n.a.
7722-84-1	HYDROGEN PEROXIDE	n.a.	1	1	n.a.

Section 12. Ecological Information

12.1 Toxicity:	No data available.
12.2 Persistence and Degradability:	No data available. Biodegradability Result: 91 % -Readily biodegradable. - Readily biodegradable.
12.3 Bioaccumulative Potential:	No data available. Does not bioaccumulate.
12.4 Mobility in Soil:	No data available.
12.5 Results of PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
12.6 Other adverse effects:	No data available. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

Section 13. Disposal Considerations

13.1 Waste Disposal Method:	<p>Product.</p> <p>Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.</p> <p>Contaminated packaging. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.</p> <p>RCRA P-Series: None listed.</p> <p>RCRA U-Series: None listed.</p>
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Section 14. Transport Information

GHS Classification:	<p>Flammable Liquids, Category 3 - Warning! Flammable liquid and vapor</p> <p>Serious Eye Damage/Eye Irritation, Category 2A - Warning! Causes serious eye irritation</p> <p>Flammable Liquids, Category 2 - Danger! Highly flammable liquid and vapor</p> <p>Specific Target Organ Toxicity (single exposure), Category 3 - Warning! May cause respiratory irritation, or may cause drowsiness and dizziness</p> <p>Aquatic Toxicity (Acute), Category 3 - Harmful to aquatic life</p> <p>Aquatic Toxicity (Chronic), Category 3 - Harmful to aquatic life with long lasting effects</p>
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14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: ALCOHOLS, N.O.S. (Ethanol)

DOT Hazard Class: 3 FLAMMABLE LIQUID

UN/NA Number: UN1170

Packing Group: II



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14.1 LAND TRANSPORT (Canadian TDG):

TDG Shipping Name:	ALCOHOLS, N.O.S. (Ethanol)		
UN Number:	1170	Packing Group:	II
Hazard Class:	3 - FLAMMABLE LIQUID	TDG Classification:	

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name:			
UN Number:	1170	Packing Group:	II
Hazard Class:	3 - FLAMMABLE LIQUID		

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name:	ALCOHOLS, N.O.S. (Ethanol)		
UN Number:	1170	Packing Group:	II
Hazard Class:	3 - FLAMMABLE LIQUID		

Section 15. Regulatory Information**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64-17-5	ALCOHOL	No	No	No
7722-84-1	HYDROGEN PEROXIDE	No	No	No

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
64-17-5	ALCOHOL	Yes: Part 5		Yes
7722-84-1	HYDROGEN PEROXIDE	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64-17-5	ALCOHOL	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
7722-84-1	HYDROGEN PEROXIDE	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
64-17-5	ALCOHOL	Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 5-153; Japan ISHL: No; Korea ECL: Yes - KE-13217; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: Yes - Cat.; Germany WHCS: Yes - 96: WGK 1; Switzerland Gifftliste

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7722-84-1 HYDROGEN PEROXIDE

Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 7-338; Japan ISHL: No; Korea ECL: Yes - KE-29297; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; Israel HSL: No; Germany WHCS: Yes - 116: WGK 1; Switzerland Giftliste 1: Yes - G-1659

Section 16. Other Information**Revision Date:** 05/04/2020**Additional Information About** No data available.**This Product:****Company Policy or****Disclaimer:**

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