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国家危险化学品检测重点实验室（浙江）

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正本/ORIGIN

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ZAIQ-RF(HH)-01-19

Safety Data Sheet



Applicant name: Zhejiang Yasili Cosmetics Co., Ltd.

Product Name: HAND SANITIZER

Edit date: 2020-04-13

Edit institution: Technology Center of Hangzhou Customs District

Approver:



1. Unless other wise stated, this test report is only responsible for the sample(s).
2. This test report can not be reproduced,except in full,without prior written permission of the lab.

1. Identification of substance

Product Name	HAND SANITIZER
Trade Name	HAND SANITIZER
Chemical Name	None
Recommended Use	Nettoyant antiseptique
Manufacturer	Zhejiang Yasili Cosmetics Co., Ltd.
Address	No. 163, Chouyi West Road, Yiting Developing Section Yiwu, Zhejiang China, 322005
Phone Number	+86-0579-85819501
Fax Number	+86-0579-85819501
WEB or E-mail	zjyasi07@zjyasi.cn
Emergency Phone Number	+86-18457950069 or call your nearest poison control centre

2. Hazards identification

GHS classification Flammable liquids 2

GHS Pictograms



Signal words Danger

Hazard statements H225: Highly flammable liquid and vapour

Precautionary Statement 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/lighting equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

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

Precautionary Statement Response P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water[or shower].

P370+P378: In case of fire: Use extinguisher to extinguish.

Precautionary Statement Storage P403+P235: Store in a well-ventilated place. Keep cool.

Precautionary Statement Disposal P501: Dispose of contents/container in according with local regulation.

Other hazards which do not result in classification Not available.

3. Composition/information on ingredients

☐ Substances

✓ Mixtures

Component Information

Component	CAS number	EINECS number	Mass(%)
ALCOHOL	64-17-5	200-578-6	75%wt
WATER	7732-18-5	231-791-2	20%wt
GLYCERIN	56-81-5	200-289-5	3%wt

4. First-aid measures

NOTE TO PHYSICIAN	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
After inhalation	Move to fresh air. Oxygen or artificial respiration if needed. Get immediate medical attention.
After skin contact	Immediately flush skin with plenty of water. Remove and isolate contaminated clothing and shoes. If irritation persists, get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin.
After eye contact	Wash clothing separately before reuse. Immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention immediately.
After ingestion	Rinse mouth. Give one or two glasses of water to drink. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Loosen tight clothing such as a collar, tie, belt or waistband. Do not use mouth-to-mouth method if victim ingested the substance. Seek immediate medical attention.
Most important symptoms/effects, acute and delayed	No data available.

5. Fire-fighting measures

Suitable extinguishing agents	Use chemical foam, dry powder, carbon dioxide or water.
Special hazards caused by the material, its products of combustion or flue gases	If there is a risk of splashing, use safety glasses or goggles, and wear protective clothing to prevent scalding. The decomposition products depend on temperature, air supply and other substances. Decomposition products may include but are not limited to: carbon monoxide and carbon dioxide, irritating and toxic fumes and gases.
Protective equipment for fire-fighters	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

6. Accidental release measures

Person-related safety precautions	Ensure adequate ventilation. Remove all sources of ignition. Beware of vapours accumulating to form explosive
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Measures for environmental protection	concentrations. Ventilate closed spaces before entering. Keep unnecessary personnel away.
Measures for cleaning/collecting	Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper governmental permits.
Additional information	Wipe out the spills and wash with water.
	See Section 7 for information on safe handling
	See section 8 for information on personal protection equipment.
	See Section 13 for information on disposal.

7. Handling and storage

Handling

Information for safe handling

Use in a well ventilated place. If there is a risk of splashing, safety glasses or goggles should be used. Always follow good hygiene practices. This product is a personal care disinfection product, which is safe for consumers.

Information about protection against explosions and fires

Keep away from heat, sources of ignition - No smoking.
Take measures to prevent the build up of electrostatic charge.

STORAGE

Requirements to be met by storerooms and containers

Dark storage at room temperature.

Store in a ventilated, dry and cool place.

Keep tightly closed until used.

Use of explosion-proof lighting, ventilation facilities.

Information about storage in one common storage facility

Do not store in high temperature or direct sunlight. Keep out of reach of children and pets.

Store away from incompatible substances such as strong oxidizing agents, various oil substances, etc.

Further information about storage conditions

Storage area should be equipped with appropriate variety and quantity of fire equipment, emergency treatment equipments and suitable materials for leakage.

8. Exposure controls/personal protection

Limit Values for Exposure
Component

	CAS number	ACGIH TLV-TWA	ACGIH TLV-STEL	NIOSH REL-TWA	NIOSH REL-STEL
ALCOHOL	64-17-5	N.E.	1,000 ppm	1,000 ppm	N.E.
GLYCERIN	56-81-5	N.E.	N.E.	N.E.	N.E.
Appropriate engineering controls	Use adequate ventilation to keep airborne concentrations low. Provide safety shower and eyewash facility.				
General protective and hygienic measures	Do not get this material in contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.				

Personal protective equipment	Splash goggles, gloves, protective clothing and a vapor respirator.
Breathing equipment	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Protection of hands	Wear appropriate chemical resistant gloves.
Eye/Face protection	Use safety glasses with side shields or safety goggles as mechanical barrier for prolonged exposure.
Body protection	Full set of anti chemical reagent overalls, flame retardant antistatic protective clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place.

Note:1. N.E. means not established.

9. Physical and chemical properties

Physical state	Clear viscous liquid
Colour	Colourless
Odour	Odour of alcohol
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	Highly flammable
Lower and upper explosion limit/ flammability limit	No data available
Flash point	22 °C (Closed cup)
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	7.3±0.5 (concentration: 75±5%; temperature: 20 °C)
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient: n-octanol/water(log value)	No data available
Vapour pressure	No data available
Density and/or relative density	No data available
Relative vapour density (air=1)	No data available
Particle characteristics	Not applicable

10. Stability and reactivity

Reactivity	ALCOHOL reacts slowly with calcium hypochlorite, silver oxide and ammonia. This generates fire and explosion hazard. Reacts violently with strong oxidants such as nitric acid, silver nitrate,
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Chemical stability	mercuric nitrate and magnesium perchlorate. This generates fire and explosion hazard.
Possibility of hazardous reactions	Stable under recommended storage conditions. No data available.
Conditions to avoid (e.g. static discharge, shock or vibration)	Heat and flame and spark. The extreme temperatures and direct sunlight. Static discharge.
Incompatible materials	Avoid contact with strong oxidizing agents, various oil substances, etc.
Hazardous decomposition products	The decomposition products depend on temperature, air supply and other substances. Decomposition products may include but are not limited to: carbon monoxide and carbon dioxide, irritating and toxic fumes and gases.

11. Toxicological information

This product is a preparation for which no toxicological data exists. When available, toxicological data for the product's hazardous ingredients are provided below.

Routes of Entry: Dermal contact, eye contact, inhalation, ingestion.

Acute Toxicity

ALCOHOL (CAS 64-17-5) LD50 (Oral, rat): 10,470 mg/kg
LC50 (Inhalation, rat): 124.7 mg/l (4 h)

GLYCERIN (CAS 56-81-5) LD50 (Dermal, rabbit): N/A
LD50 (Oral, rat): 12,600 mg/kg
LC50 (Inhalation, rat): N/A
LD50 (Dermal, rabbit): > 10,000 mg/kg

Skin corrosion/Irritation Alcohol allergies and skin wounds should be used with caution. When used as intended, it should not be irritating, sensitizing, photosensitizing, or phototoxic.

Serious eye damage/irritation In case of eye contact, flush the area immediately with plenty of water. If symptoms persist, seek medical attention.
Respiratory or skin sensitization Allergic to alcohol.

Germ cell mutagenicity No germ cell mutagenicity.

Carcinogenicity No carcinogenicity.

Reproductive toxicity No reproductive toxicity.

STOT-single exposure Not classified

STOT-repeated exposure Not classified

Aspiration hazard Not classified

Chronic Effects Not classified

Further Information None.

12. Ecological information

Ecotoxicity

Aquatic Toxicity

Test & Species

96 Hr LC50 fish: N/A

48 Hr EC50 Daphnia: N/A

72 Hr EC50 Algae: N/A

Persistence and
degradability Not available

Bioaccumulative potential Not available

Mobility in soil Not available

Additional Information None

13. Disposal considerations

WASTE DISPOSAL INSTRUCTIONS

Contact a qualified professional waste disposal service to dispose of this material.

Dispose of in accordance with local environmental regulations or local authority requirements.

14. Transport information

The Recommendation of Transport of Dangerous Goods(TDG)

UN Number UN 1170

Proper Shipping Name ETHANOL SOLUTION

Class/Division Class 3 Flammable Liquids

Package Group PG II

Subsidiary risk —

labelling pictogram



Maritime transport IMDG/ Marine pollutant (Yes/No) Being same with TDG/No

Air transport ICAO-TI and IATA-DGR Being same with TDG

15. Regulatory information

European/International Regulations

OSHA: Hazardous by definition of Hazard Communication Standard(29CFR 1910.1200).

EINECS Status: The main components of this chemical are included in EINECS inventory.

EPA TSCA Status: The main components of this chemical are included in TSCA inventory.

Canadian DSL(Domestic Substances List): The main components of this chemical are included in DSL.

**HMIS(Hazardous
Material Identification
System Ratings):**

Health: 0
Flammability: 3
Physical hazard: 0
Personal protection: H
(4. Severe Hazard; 3. Serious Hazard; 2. Moderate Hazard; 1. Slight Hazard; 0. Minimal Hazard)
B2, D2B (ALCOHOL).

**WHMIS (Canadian
Workplace Hazardous
Material Identification
System Ratings):**

**GB 12268-2012 List of
dangerous goods**

This product is a dangerous goods on the GB 12268-2012 list of dangerous goods.

16. other information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

This Material Safety Data Sheet was based on the "Globally Harmonized System of Classification and Labelling of Chemicals", "Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations", "INTERNATIONAL MARITIME DANGEROUS GOODS CODE", "International Air Transport Association Dangerous Goods Regulations", the National Standards and other related dangerous chemicals management laws, regulations and standards, which are periodically updated and changed. To make dangerous goods / hazardous chemicals comply with the relevant requirements of the latest management, regularly update is recommended.

This Material Safety Data Sheet has been compiled in both English and Chinese. For any discrepancies, the Chinese version shall prevail.

**Abbreviations and
acronyms**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
IMDG: International Maritime Code for Dangerous Goods
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effective concentration, 50 percent

Edit Date	13.04.2020
Update and Revise	Original edition
Edit Standard	<i>Globally Harmonized System of Classification and Labelling for Chemicals</i> Part 1.5
Revised Institution	Technology Center of Hangzhou Customs District