



Material Safety Data Sheet

MSDS Code: EBO2003086-M132A

Date of Issue: April 20, 2020

HAND SANITIZER

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1. Identification Of Substance

Product Details

Product Name: **HAND SANITIZER**

Product Use: Hand cleaning

Manufacturer/Supplier By: **GUANGZHOU YUCAITANG COSMETICS CO., LTD**

No. 168, South kapok Road, Changhong Industrial Zone, Junhe Street, Baiyun District, Guangzhou, China

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2. Hazards Identification

Classification of the substance or mixture

Classification according to Flammable liquids (Category 2), H225

Regulation (EC) No. 1272/2008: Serious Eye Damage/Irritation - Category 2A, H319

GHS Label elements, including precautionary statements

Pictogram:



Signal word: Danger

Hazard statement(s):

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statement(s):

P102 Keep out of reach of children.

P103 Read label before use.

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

P233 Keep container tightly closed.

P243 Take precautionary measures against static discharge.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/ container to an approved waste disposal plant.



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3. Composition/Data On Components

COMPONENT	CAS No.	% By wt.
Alcohol	64-17-5	73%
Water	7732-18-5	23.4%
Glycerin	56-81-5	3%
Carbomer	9007-16-3 9003-01-4 9007-17-4 76050-42-5 9062-04-8	0.5%
Triethanolamine	102-71-6	0.1%

4. First aid Measures

Eye Contact: Flush eyes with water as a precaution.

Skin Contact: Although this product is not expected to be irritating, sensitizing or cause allergic reaction when used as indicated, if symptoms do arise, rinse affected area with plenty of water until no evidence of the product remains. Obtain medical attention if irritation persists.

Inhalation: If breathing is affected, remove to fresh air.

Ingestion: Rinse mouth with water. Consult a physician.

5. Fire Fighting Measures

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide.

Unsuitable extinguishing media: Do not use a heavy water stream.

Special hazard: Fumes may catch fire.

Special protective actions for fire-fighters: As in any fire, firefighters should wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

6. Accidental Release Measures

Personal precautions: Use personal protective equipment. No open flames. No smoking.

Environmental precautions: Prevent entry to sewers and public waters.

Methods for cleaning up: Absorb with earth, sand or other non-combustible material and transfer to

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containers for later disposal.

7. Handling And Storage

Handling:	Avoid contact with eyes. Use according to package label instructions. Do not taste or swallow. Use only with adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. For external use only.
Storage:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Avoid storage under direct sunlight. Keep out of reach of children.

8. Exposure Controls And Personal Protection

Engineering controls:	This is a personal care product that is safe for consumers and other users under normal and reasonably foreseen use.
Personal Protective equipment	
Ventilation:	No occupational exposure limits established.
Respiratory protection:	None required under normal conditions of use.
Hand Protection:	Not required under normal conditions of use.
Eye Protection:	Not required under normal conditions of use.
Body Protection:	Not required under normal conditions of use.
Additional protective clothing & equipment:	N/A

9. Physical And Chemical Properties

General Information

Form:	Transparent Gel
Color:	Colorless
Odor:	Special raw material odour
pH:	5.0-7.0(1:10)
Flashpoint:	22°C
Boiling Point:	80°C
Density:	0.86
Viscosity:	5000-10000
Oxidising properties:	No data available



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Melting Point:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
Solubility In Water:	Freely soluble
Specific Gravity (H ₂ O = 1):	No data available
Viscosity:	No data available
Freezing Point:	No data available
Molecular Weight:	Mixture, Not Applicable

10. Stability And Reactivity

Reactivity:	None under normal use conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Heat, flames and sparks.
Incompatible materials:	Strong oxidizing agents, strong acids, strong bases.
Hazardous decomposition products:	Hazardous decomposition products formed under fire conditions. - Carbon oxides

11. Toxicological Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Acute toxicity:	CAS No.: 64-17-5 LD50 Oral - Rat - male and female - 10,470 mg/kg (OECD Test Guideline 401) LC50 Inhalation - Rat - male and female - 4 h - 124.7 mg/l (OECD Test Guideline 403) LC50 Inhalation - Rat - 4 h - 30,000 mg/l CAS No.: 9003-01-4 LD50 Oral - Rat - 2.500 mg/kg CAS No.: 102-71-6 LD50 Dermal - Rabbit - > 22,5 g/kg
Inhalation:	No adverse effects are expected from normal use of product.
Skin Irritation:	No adverse effects are expected from normal contact.
Eye Irritation:	Any foreign body in the eye will cause irritation.
Immediate Effects:	No information on significant adverse effects.



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Delayed Effects:	No information on significant adverse effects.
Irritation/Corrosivity Data:	No information on significant adverse effects.
Respiratory Sensitization:	No information available for the product.
Dermal Sensitization:	No information available for the product.
Component Carcinogenicity:	None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA
Germ Cell Mutagenicity:	No information available for the product.
Tumorigenic Data:	No data available
Reproductive Toxicity:	No information available for the product.
Specific Target Organ Toxicity - Single Exposure:	No target organs identified.
Specific Target Organ Toxicity - Repeated Exposure:	No target organs identified.
Aspiration hazard:	No data available.
Medical Conditions Aggravated by Exposure:	No data available.

12. Ecological Information

Toxicity:	CAS No.: 64-17-5 Toxicity to fish: flow-through test LC50 - Pimephales promelas (fathead minnow) - 15.3 mg/l - 96 h Sigma-Aldrich - E7023 Page 7 of 8 Toxicity to daphnia and other aquatic invertebrates: LC50 - Ceriodaphnia dubia (water flea) - 5,012 mg/l - 48 h NOEC - Daphnia magna (Water flea) - 9.6 mg/l - 9 d Toxicity to algae: EC50 - Chlorella vulgaris (Fresh water algae) - 275 mg/l - 72 h (OECD Test Guideline 201) CAS No.: 102-71-6 Toxicity to daphnia and other aquatic invertebrates: EC50 - Daphnia (water flea) - 609,98 mg/l - 48 h
Persistence and degradability:	CAS No.: 102-71-6 Biodegradability Result: 96 % - Readily biodegradable.
Biodegradability:	CAS No.: 64-17-5

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aerobic - Exposure time 15 d

Result: 95 % - Readily biodegradable.

(OECD Test Guideline 301E)

General notes:

Do not allow material to be released to the environment without proper governmental permits.

Environmental Fate:

No data available regarding the environmental fate or biodegradation.

13. Disposal Considerations

Product-Recommendation: Consult state, local or national regulations to ensure proper disposal.

Uncleaned

packagings-Recommendation: Disposal must be made according to official regulations.

14. Transport Information

Department of Transportation (DOT)

UN No.: UN1170

UN Proper shipping name: HAND SANITIZER (Ethanol solution)

Description: UN1170, Alcohol, 3, II, Ltd. Qty.

Hazard Class: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Packing Group: II - Medium Danger

Special Provisions: 24, IB2, T4, TP1

Packaging Exceptions: 4b; 150

Quantity Limitations Passenger aircraft/rail: 5 L

Quantity Limitations Cargo aircraft only: 60 L

Vessel Stowage Location: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

Emergency Response Guide Number: 127

Transport by sea (IMDG)

UN No.: UN1170

UN Proper shipping name: HAND SANITIZER (Ethanol solution)

Description: UN1170, Alcohol, 3, II, Ltd. Qty.

Transport hazard class(es): 3 - Flammable liquids

Packing Group: II - substances presenting medium danger

Packing Instruction: P001

IBC Instruction: IBC02

Special Provisions: T4, TP1

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Limited quantities: 1 L

Air transport (IATA)

UN No.: UN1170

UN Proper shipping name: HAND SANITIZER (Ethanol solution)

Description: UN1170, Alcohol, 3, II, Ltd. Qty.

Hazard Class: 3 - Flammable Liquids

Packing Group: II - Medium Danger

15. Regulations

Product related hazard

information:

Observe the general safety regulations when handling chemicals.

National regulations:

All components of this product are listed in the EU Environmental Protection Agency Toxic Substances Control Act Chemical substance Inventory.

Information about limitation of

use:

For use only by technically qualified individuals.

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

DISCLAIMER OF LIABILITY

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