

Material Safety Data Sheet (MSDS)

NO.: A001R200910012002

Date: Sep 11, 2020

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Applicant: Huizhou Baozi Biotechnology Co.Ltd.

Address: The south of Guangda shoe factory, Shuilan (local name), Xipu Group, Xitian Village, Shiwang Town, Boluo County, Huizhou City

Sample information:

Sample name: Hand sanitizer

Issue date: Sep 11, 2020

Test Requested: As specified by the client, to edit Material Safety Data Sheet (MSDS) for the submitted sample.

Dongguan City Tianrun Testing Technology Co., Ltd.



Approved by: 

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Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: Hand sanitizer

Manufacture: Huizhou Baozi Biotechnology Co.Ltd.

Address: The south of Guangda shoe factory, Shuilan (local name), Xipu Group, Xitian Village, Shiwang Town, Boluo County, Huizhou City

Emergency Telephone: 18665039040

Email: /

Section 2 - Hazards Identification

GHS Hazard Categories: Ethanol: Flammable liquid Category 2.



Pictograms:

Hazard information:

H225 Flammable liquid and vapor

Invasion route: Ingestion, eyes contact, skin contact.

Health hazards: Long-term skin contact, can cause skin irritation; Eyes contact can cause irritation; Ingestion can cause abdominal pain, discomfort.

Precautionary statement(s):

• **Prevention:**

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

• **Response:**

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+P378 In case of fire: Use Fire Extinguisher for extinction.

• **Storage:**

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

• **Disposal:**

P501 Dispose of contents and container in accordance with national regulations.

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Section 3 - Composition/Information on Ingredient

Pure ☐ Admixture ☒

Composition:

Chemical Name	In % By Weight	CAS No.
ALCOHOL	75%	64-17-5
WATER	23.7%	7732-18-5
CARBOMER	0.4%	9007-16-3
TRIETHANOLAMINE	0.4%	102-71-6
FRAGRANCE	0.5%	-

Section 4 - First Aid Measures

Skin contact: Remove contaminated clothes and rinse the skin with plenty of water and soap, clean the soiled clothes before wearing.

Eyes contact: Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water.

Inhalation: In normal situation, will not inhale.

Ingestion: Ingestion discomfort, get medical aid immediately.

Section 5 - Fire Fighting Measures

Danger characteristic: The product can burn.

Fire-fighting method: The staff must equip with isolated breathing apparatus, wear clothes which can defense fire and toxic gases. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible.

Fire extinguishing agent: Powder, CO₂, Sandy clay.

Section 6 - Accidental Release Measures

Emergency treatment: Leakage of contaminated areas to evacuate personnel to safety, as far as possible to cut off sources of pollution. Small amount of divulgence: Clean off. Collect in a dry, clean, covered container and transferred to safe place;

Massive divulgence: Recycle or transport to waste treatment place for handling.

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Section 7 - Handling and Storage

Handling: Supply with sufficient partial air exhaust. Keep away from the fire source, heat source, no smoking in the work place. Take care when lifting and handling in case of damaging the package. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling. **Storage:** Keep in sealed container, place in a cool dry place.

Section 8 - Exposure Controls, Personal Protection

Occupational exposure limit:

MAC(mg/m3):No information

TWA(mg/m3):No information

STEL(mg/m3):No information

Engineering control: The production process space is closed, need to strengthen the ventilation. Make sure that there is a wash and shower in the vicinity of the workplace. Set emergency evacuation routes.

Respiratory Protection: No protection in normal situation.

Eyes Protection: No protection in normal situation.

Body Protection: Wear work clothes.

Hands Protection: Wear protective gloves.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

Section 9 - Physical and Chemical Properties

Appearance: Viscous liquid

Colour: Transparent

PH: N/A

Melting point/range: N/A

Density: N/A

Oxidising properties: N/A

Solubility in water: Soluble in water

Partition coefficient(n-octanol / water): N/A

Evaporation rate: N/A

Odour: Ethanol Special fragrance

Boiling point/range: >35°C

Flashpoint: 22.0°C

Viscosity: N/A

Vapour pressure: N/A

Vapour density: N/A

Ignition temperature: N/A

UEL: N/A

Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure

Distribution of Ban: Strong oxidizing agent, strong acid

Conditions to Avoid: High temperature, Flame

Hazardous Polymerization: None

Decomposition products: In normal condition of storage and use, hazardous decomposition products should not be produced.

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Section 11 - Toxicological Information

Acute Toxicity: Ethanol:LD50: 7060 mg / kg (rabbit oral); 7430 mg / kg (rabbit percutaneous);

LC50: 37620 mg / m³, 10 hours (rat inhalation)

Sub-acute and Chronic Toxicity: No known significant effects or serious harm.

Irritation: No known significant effects or serious harm.

Sensitization: No known significant effects or serious harm.

Mutagenicity: No known significant effects or serious harm.

Carcinogenicity: No known significant effects or serious harm.

Section 12 - Ecological Information

Ecological toxicity:None

Persistence and degradation:No information

Potential bioaccumulation:No information

Migration in soil:No information

Other harmful effects:None

Section 13 - Disposal Considerations

Disposal method: Dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Disposal considerations: Choose to have certified disposal contractor.

Section 14 - Transport Information

UN number:UN1170

Risk classification:Class 3 Flammable liquid

EMS No.: F-E;S-D **Proper shipping name:**Ethanol solution

Land Transport ADR/RID:Class 3 Flammable liquid(Ethanol solution) dangerous goods handling.

Maritime Transport IMO/IMDG:Class 3 Flammable liquid(Ethanol solution) dangerous goods handling.

Air Transport IATA/ICAO:Class 3 Flammable liquid(Ethanol solution) dangerous goods handling.

Packaging Information:Packing group: II.

Transport Fashion:By sea、By air、By rail、By highway

Transport Attentions: No collapse or no damage during the course of transportation. Corresponding varieties and number of fire equipment and contingency processing equipment should be equipped during the course of transportation. Strictly prohibit put the goods together with oxidizer, acid, etc. for transport. During transport, the goods should prevent exposure, rain and high temperature. Keep away from fire.

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Section 15 - Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No. 1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.

《Dangerous Goods Regulation》

《International Maritime Dangerous Goods》

《Technical Instructions for the Safe Transport of Dangerous Goods》

《Classification and code of dangerous goods》

Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof.

Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

End of MSDS