

# Safety Data Sheet

Regulation (EC) No. 1907/2006, 1272/2008

Version No.: 1.0    Print Date: Mar. 04, 2020    Page 1/1

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## SDS REPORT

Guangzhou haishi biotechnology co. LTD

Building 1, songyuan road 3, new industrial zone, xiamao shiyi community, baiyun district,  
guangzhou

SDS Report No. : WUX202003040289SDS  
Compilation Date : Mar. 04, 2020  
Sample Name : Waterless Hand Sanitizer  
Composition/Ingredient : See Section 3 on the SDS  
of The Sample  
Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.  
Summary : As per request, the contents and formats of the SDS are prepared in accordance with Regulation (EC) No 1907/2006, 1272/2008, Regulation (EU) No 2015/830 and are provided per attached.



Signed for and on behalf of  
Technical Center:

*Longy Di.*  
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## 1 Identification

- **Product identifier**
- **Trade name:** Waterless Hand Sanitizer
- **Brand:** /
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance/ mixture:** sterilization
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Guangzhou haishi biotechnology co. LTD  
Building 1, songyuan road 3, new industrial zone, xiaobao shiyi community, baiyun district, guangzhou  
Tel: 13751798764  
Email: [yilongcosmetics@haishibiolo.com](mailto:yilongcosmetics@haishibiolo.com)
- **Only Representative/other EU contact point:** Information not available.
- **Further information obtainable from:** Guangzhou haishi biotechnology co. LTD
- **Emergency telephone number**

### General in EU

112 (Available 24 hours a day)

## 2 Hazard(s) identification

- **Classification of the substance or mixture:**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquids and vapors



GHS07 Exclamation mark

Eye Irrit. 2A H319 Causes severe eye irritation

- **Special hazard information concerning humans and the environment:**

According to the latest edition of Regulation 1272/2008, the product needs to be labeled.

- **Classification system:**

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

- **Label elements**

• **Labeling according to Regulation (EC) No 1272/2008:**

- **Hazard pictograms:**



GHS02



GHS07

• **Signal word:** Warning

• **Hazard statements:**

H226 flammable liquid and vapour.

H319 Causes serious eye irritation.

• **Precautionary statement:**

P101 If medical advice is needed, have product container or label at hand.

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.

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.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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 CO<sub>2</sub>, chemical powder, water spray or alcohol resistant foam to extinguish. Do not use water with full jet

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

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

• **Hazards not otherwise classified (HNOC):** No further relevant information available.

### 3 Composition/information on ingredients

• **Chemical characterization:** Mixture

• **Description:**

Mixture of the substances listed below with nonhazardous additions; For the wording of the listed risk phrases refer to section 16.

• <b>Components:</b>		
CAS No.	Composition Name	%, w/w
7732-18-5	Water	21.2
64-17-5	Alcohol ⚠ Flam. Liq. 2, H225	75
56-81-5	Glycerin	0.1
9062-04-8	Carbomer	0.25
102-71-6	Triethanolamine	0.25
6440-58-0	DMDM Hydantoin	0.2
59-02-9	Vitamin E	1
85507-69-3	Aloe Barbadensis Leaf Extract	2

## 4 First aid measures

### · Description of first aid measures

**After inhalation:** Supply with fresh air. Call for doctor/physician if you feel unwell.

**After skin contact:** Take off immediately all contaminated clothing. Rinse skin with water/shower.

**After eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

**After swallowing:** Wash mouth with water; Do NOT induce vomiting. Immediately call a poison center/doctor.

### · Information for doctor

· **Most 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

· **Indication of any immediate medical attention and special treatment needed:** Treat according to symptom, there is not known specific medicine.

## 5 Fire-fighting measures

· **Suitable extinguishing agents:** Use CO<sub>2</sub>, chemical powder, water spray or alcohol resistant foam to extinguish.

· **Special hazards arising from the substance or mixture:** May produce Carbon oxides and corrosion/irritant vapor under fire.

· **Special protective equipment and precaution for firefighters**

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

## 6 Accidental release measures

### · Personal precautions, protective equipment and emergency procedures:

Cut off the leakage source, and collect spillage timely if safe do it; Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area); Ensure adequate ventilation; Beware of accumulation of vapor in low areas or contained areas, where explosive concentrations may occur; Use respiratory protective device against the effects of vapor; Do not breathe breathing vapor. Wear protective gloves/eye protection/face protection; Avoid contact with eyes; Avoid release to the environment.

### · Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not allow the product to enter surface or ground water.

### · Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust); Ensure good ventilation; Dispose contaminated material as waster according to item 13.

## 7 Handling and storage

### · Handling

#### · Precautions for safe handling:

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

For precautions see section 2.2.

#### · Information about fire and explosion protection:

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

Ground/Bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/ lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge

- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Store in a well-ventilated place. Keep cool.
- **Information about storage in one common storage facility:** Keep out of reach of children; Keep away from flammable substance.
- **Further information about storage conditions:** Store locked up.

## 8 Exposure controls/personal protection

- **Components with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:**
- **Appropriate engineering controls:**  
Handle in accordance with good industrial hygiene and safety practice; Wash hands after handling; See section 7 for information about design of technical facilities.
- **Personal protective equipment:**
- **Breathing equipment:** Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.
- **Protection of hands:**  
**Protective gloves**  
Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).
- **Eye protection:**  
Protective goggles with side-shields.

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **Appearance:**

Form	Gel
Color	Transparent
Odor	Odorless
Odor threshold	Not determined.
• pH-value	Not determined.
• <b>Change in condition</b>	
Melting point/melting range	Not determined.
Boiling point and boiling range	Not determined.
• Freezing point	Not determined.
• Flash point	22 °C
• Flammability (solid, gas)	Not applicable
• Auto-ignition temperature	430 °C

· <b>Decomposition temperature</b>	Not determined.
· <b>Self-ignition</b>	Product is not self-ignition.
· <b>Danger of explosion</b>	Product does not present explosive hazard.
· <b>Explosion limits</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Oxidizing properties</b>	No oxidability.
· <b>Vapor pressure</b>	Not determined.
· <b>Density</b>	Not determined.
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in/Miscibility with</b>	
<b>Water</b>	Not determined.
· <b>Partition coefficient (n-octanol/water)</b>	Not determined.
· <b>Viscosity</b>	
<b>Dynamic</b>	Not determined.
<b>Kinematic</b>	Not determined.
· <b>Other information</b>	Data not available

## 10 Stability and reactivity

- **Reactivity:** No decomposition if used according to specification.
- **Chemical stability:** Stable under recommended storage conditions.
- **Possibility of hazardous reactions:** No known hazardous reaction.
- **Conditions to avoid:** High temperature.
- **Incompatible materials:** Strong acid, strong oxidizing agent and flammable substance.
- **Hazardous decomposition products:** No known hazardous decomposition products.

## 11 Toxicological information

- **Acute toxicity:** Not classified as toxic/harmful mixture.
- **LD/LC50 values that are relevant for classification:** No animal tested has been done for this product.
- **Primary irritant effect**
- **Serious eyes damage/ irritation:** Damage to eyes.
- **Sensitization:** Not determined.

### Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Damage to eyes.

- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer):** None of the ingredients is listed.
- **NTP (National Toxicology Program):** None of the ingredients is listed.


## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** Not hazardous to aquatic environment.
- **Persistence and degradability:** Readily degradable.
- **Bio-accumulative potential:** Low bio-accumulation.
- **Mobility in soil:** Data not available.
- **Additional ecological information**
- **Other adverse effects:** No further relevant information available.

## 13 Disposal consideration

- **Waste treatment methods**
- **Recommendation:** Must not be disposed together with household garbage; Disposed it must be in according to the local regulation.
- **Un-cleaned packaging**
- **Recommendation:** Dispose of contents/container in according to the local regulation.

## 14 Transport information

· <b>UN-Number</b> ADR, RID, ADN, IMDG, IATA	UN1993
· <b>UN proper shipping name</b> ADR, RID, ADN, IMDG, IATA	Flammable liquid, not otherwise specified (containing ethanol)
· <b>Transport hazard class (es)</b> ADR, RID, ADN, IMDG, IATA Class	 3 Flammable liquid
· <b>Packing group</b> ADR, RID, ADN, IMDG, IATA	III
· <b>Environmental hazardous</b> <b>Marine pollution</b>	No
· <b>Special precautions for user</b>	Warning: Flammable liquid
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable
· <b>UN "Model Regulation"</b>	UN1993, Flammable liquid, not otherwise specified (containing ethanol),3, III

## 15 Regulatory information

- *Safety, health and environmental regulations/legislation specific for the substance or mixture*
- **MAK (German Maximum Workplace Concentration):**
- *Directive 2012/18/EU*
- *Named dangerous substances-ANNEX I: None of the ingredients is listed.*
- *National regulations.*
- **Water hazard class: Water hazard class 1 (German Regulation) (self-assessment): Slightly hazardous for water.**
- **Other regulations, limitations and prohibitive regulations**
- **SVHC Candidate list of REACH Regulation Annex XIV Authorization: None of the ingredients is listed.**
- **REACH Regulation Annex XVII Restriction: None of the ingredients is listed.**
- **REACH Regulation Annex XIV Authorization List: None of the ingredients is listed.**
- **Chemical safety assessment: A Chemical Safe Assessment has not been carried out.**

## 16 Other information

### Relevant phrases:

H226 flammable liquid and vapour.  
H301 Toxic if swallowed  
H302 Harmful if swallowed  
H318 Causes serious eye damage  
H335 May cause respiratory irritation

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**The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.**

### DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

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End of safety data sheet