



Safety Data Sheet

According to 1907/2006/EC (REACH), 1272/2008/EC (CLP) and GHS

SDS Code: EBO2004044-M074

Date of Issue: April 13, 2020

HAND SANITISER GEL

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1. Identification of The Substance/ Mixture and of The Company/Undertaking

1.1 Product identifier

Product Name: HAND SANITISER GEL

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

Product Use: Hand sanitizer

1.3 Details of the supplier of the safety data sheet

Company name: GUANGZHOU LIANGXIN REFINEMENT CHEMICAL CO., LTD

Address: No. 9 Huaye Street, Fang Hua Road, Renhe Town, Baiyun District, Guangzhou

Tel: +86-020-26095372

1.4 Emergency telephone number

Emergency Tel: +44 1952 582300

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Flammable liquids (Category 3), H226

Regulation (EC) No. 1272/2008: Eye irritation (Category 2), H319

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



Signal word:

Danger

Hazard statement(s):

H226 Flammable liquid and vapor.

H319 Causes serious eye irritation.

Precautionary statement(s):

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

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment

P280 Wear protective gloves/ eye protection/ face protection.

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

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

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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.

P210

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

2.3 Other hazards:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. Composition/Information On Ingredients

COMPONENT	CAS No.	% By wt.	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethyl Alcohol	64-17-5	60%-75%	Flammable liquids (Category 3), H226
Isopropyl Alcohol	67-63-0	9%	Flammable liquids (Category 2), H225 Eye irritation (Category 2), H319 Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336
Carbomer	9062-04-8	0.2%	Not classified
Parfum	8023-88-9	0.5%	Not classified
Water	7732-18-5	29.5%-14.5%	Not classified
Aloe Vera	85507-69-3	0.8%	Not classified

4. First aid Measures

4.1 Description of first aid measures

Eye Contact:

Rinse with pure water for at least 15 minutes. Consult a doctor.

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. Never give anything by mouth to an unconscious person. Consult a doctor.



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4.2 Most important symptoms and effects, both acute and delayed:	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.
4.3 Indication of any immediate medical attention and special treatment needed:	No data available.
4.4 Add information:	Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

5. Fire Fighting Measures

5.1 Extinguishing Media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

5.2 Special hazards arising from the substance or mixture: Combustible. In case of fire may be liberated: carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters: Keep containers cool by spraying with water to reduce explosion risks. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures: Avoid contact with eyes. Avoid inhalation of vapours. No smoking, sparks, flames or other sources of ignition near spillage.

6.2 Environmental precautions: Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and materials for containment and cleaning up: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

6.4 Reference to other sections: Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7. Handling And Storage

7.1 Precautions for safe handling: Avoid contact with eyes.
Use according to package label instructions.



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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.

7.2 Conditions for safe storage, including any incompatibilities:

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.

7.3 Specific end use(s):

No information available.

8. Exposure Controls And Personal Protection

8.1 Control parameters:

Components with workplace control parameters:

This is a personal care product that is safe for consumers and other users under normal and reasonably foreseen use.

8.2 Exposure controls:

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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:

None required if care is taken not to splash in eyes when pouring or using.

Body Protection:

Not required under normal conditions of use.

Hygiene measures:

Do not eat or drink while working with the product.

Wash hands before breaks and at the end of work.

Environmental exposure controls:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical And Chemical Properties

9.1 Information on basic physical and chemical properties

General Information

Appearance

Form:

Gel

Color:

Green or white

Odor:

Alcohol smell

pH:

No data available

EU

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Boiling Point:	No data available
Melting Point:	No data available
Flash Point:	No data available
Density:	No data available
Viscosity:	No data available
Oxidising properties:	No data available
Melting Point:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
Solubility In Water:	No data available
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

10.1 Reactivity:	Risk of ignition.
10.2 Chemical stability:	The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
10.3 Possibility of hazardous reactions:	No data available.
10.4 Conditions to avoid:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
10.5 Incompatible materials:	Strong oxidizing agents, strong acids, strong bases.
10.6 Hazardous decomposition products:	Hazardous combustion products: see section 5.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity:	No data available.
Skin corrosion/irritation:	No skin irritation.
Serious eye damage/eye irritation:	No data available.
Respiratory or skin sensitization:	No information on significant adverse effects.
Germ Cell Mutagenicity:	No information available for the product.



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Carcinogenicity

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.

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.

Additional Information:

No data available.

Toxicological information:

No data available for the mixture. When used properly, the product is safe and tolerable in accordance with the legal provisions (Article 3 of the EC Cosmetics Regulation).

Symptoms related to the physical, chemical and toxicological characteristics

If in eyes

Causes serious eye irritation

If swallowed

May be harmful if swallowed.

12. Ecological Information

12.1 Toxicity:

CAS No.: 64-17-5

Toxicity to fish:

flow-through test LC50 - Pimephales promelas (fathead minnow) - 15.3 mg/l - 96 h

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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.: 67-63-0

Toxicity to fish:

flow-through test LC50 - Pimephales promelas (fathead minnow) - 9.640 mg/l - 96 h

(OECD Test Guideline 203)



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Toxicity to daphnia and other aquatic invertebrates:

EC50 - Daphnia magna (Water flea) - 13.299 mg/l - 48 h

Remarks: (IUCLID)

Toxicity to algae:

IC50 - Desmodesmus subspicatus (green algae) - > 1.000 mg/l - 72h

Remarks: (IUCLID)

Toxicity to bacteria:

EC5 - Pseudomonas putida - 1.050 mg/l - 16 h

Remarks: (Lit.)

12.2 Persistence and degradability:

CAS No.: 67-63-0

Biodegradability aerobic - Exposure time 5 d

Result: 53 % - Readily biodegradable.

(Directive 67/548/EEC, Annex V, C.6)

Theoretical oxygen demand: 2.400 mg/g

Remarks: (Lit.)

Ratio BOD/ThBOD 49 %

Remarks: (IUCLID)

12.3 Bioaccumulative potential:

Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

12.4 Mobility in soil:

No data available.

Biodegradability:

CAS No.: 64-17-5

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.

12.5 Results of PBT and vPvB assessment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects:

No data available.

13. Disposal Considerations



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13.1 Waste treatment methods:

Recommendation:

This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Relevant provisions relating to waste:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Remarks:

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

14. Transport Information

ADR

14.1 UN No.: UN1170

14.2 UN Proper shipping name: HAND SANITISER GEL (Ethanol solution)

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

14.3 Hazard Class: 3

14.4 Packing Group: III

14.5 Environmental hazards: No

14.6 Special Provisions: 24, B1, IB3, T2, TP1

Emergency Response Guide Number: 127

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14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.

DOT

14.1 UN No.: UN1170

14.2 UN Proper shipping name: HAND SANITISER GEL (Ethanol solution)

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

14.3 Hazard Class: 3

14.4 Packing Group: III

14.5 Environmental hazards: No

14.6 Special Provisions: 24, B1, IB3, T2, TP1

Emergency Response Guide Number: 127

Emergency Response Guide Number: 127

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.

IMDG



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14.1 UN No.: UN1170

14.2 UN Proper shipping name: HAND SANITISER GEL (Ethanol solution)

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

14.3 Transport hazard class(es): 3

14.4 Packing Group: III

14.5 Environmental hazards: No

14.6 Special precautions for user: 144, 223

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.

EmS-No: F-E, S-D

IATA

14.1 UN No.: UN1170

14.2 UN Proper shipping name: HAND SANITISER GEL (Ethanol solution)

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

14.3 Hazard Class: 3

14.4 Packing Group: III

14.5 Environmental hazards: No

ERG Code: 3L

14.6 Special precautions for user: A180, A3, A58

IATA comment: Can also be shipped as ID8000 Consumer Commodity.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

European Union: Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorizations and/or restrictions on use: This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Persistent Organic Pollutants Not applicable.

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable.

15.2 Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

Chemical Safety Report No information available.



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16. Other Information

List of R phrases/hazard statements:

R-phrase(s)

R11 - Highly flammable.

S -phrase(s)

S 7 - Keep container tightly closed.

S16 - Keep away from sources of ignition - No smoking

List of relevant phrases:

H226 Flammable liquid and vapor.

H319 Eye irritation.

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

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

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