



Material Safety Data Sheet

Dr.LIBEAUTE HAND SANITIZER (SPRAY)

Version:01 Date Implemented : 2020. 02. 14

1. PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product Name : Dr.LIBEAUTE HAND SANITIZER (SPRAY)
1.2 Recommended use of the chemical and restrictions on use : HAND SANITIZER
1.3 Manufacturer Information
Name : Ongoong Co., Ltd
Address : #480-46, Seobunam-ro, Sinchang-myeon, Asan-si, Chungcheongnam-do, Korea
Emergency phone Number : Tel+82 41 429 2233 / Fax +82 41 544 8015

2. HAZARDS IDENTIFICATION

- 2.1 GHS Classification
Flammable liquids : Category 3
Eye irritation : Category 2A

- 2.2 Label elements
Hazard pictograms



- Signal Word : Warning
Hazard Statements : H226 Flammable liquid and vapor
H319 Causes serious eye irritation
Precautionary statements : Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking
P233 Keep container tightly closed
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
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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2.3 Other Hazard : Vapors may form explosive mixture with air

3. COMPOSITION/INFORMATION ON INGREDIENTS

No	Chemical Name	CAS No.	wt%
1	Alcohol (Ethanol)	64-17-5	70.300
2	Water	7732-18-5	29.465
3	Glycerine	56-81-5	5.000
4	Citrus Limon (Lemon) Fruit Oil	284-515-8	0.025
5	Eucalyptus Globulus Leaf Oil	8000-48-4	0.025
6	Pinus Koraiensis Seed Extract	-	0.050
7	Camellia Sinensis Seed Extract	-	0.050
8	Aloe Barbadensis Leaf Extract	85507-69-3 94349-62-9	0.050
9	Butylene Glycol	107-88-0	0.020
10	1,2-Hexanediol	6920-22-5	0.005
11	Tocopheryl acetate	58-95-7	0.010
12	Denatonium Benzoate	3734-33-6	0.0004

4. FIRST AID MEASURES

- 4.1 Eye contact : Wash out with plenty of water
- 4.2 Skin contact : No irritation
- 4.3 Inhalation : Not dangerous
- 4.4 Flammable liquids : Rinse out the mouth and immediately seek medical attention
- 4.5 Indication of immediate medical attention and notes for physician : No special measures required

5. FIRE-FIGHTING MEASURES

- 5.1 Suitable (and unsuitable) extinguishing media : Water, Foam, Powder, CO2
- 5.2 Specific hazards arising from the chemical : None
- 5.3 Special protective equipment and precautions for fire-fighters : Unknown

6. ACCIDENTAL RELEASE MEASURES



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- 6.1 Personal precautions, protective equipment and emergency procedures : No necessary
- 6.2 Environmental precautions and protective procedures : Do not allow product to reach sewage system or any watercourse
- 6.3 Methods and materials for containment and cleaning up : Absorb liquid components with liquid-binding material and eliminate minor let amounts with water

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling : No special measures required
- 7.2 Conditions for safe storage : Should be stored at room temperature(5~40°C) in a tightly closed and lightproof container

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

- 8.1 Control parameters : None
- 8.2 Appropriate engineering control : None
- 8.3 Personal protective equipment : None

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance : Gel
- 9.2 Odor : Characteristic
- 9.3 Color : Colorless
- 9.4 pH : 7.0 ~ 8.0
- 9.5 Specific Gravity(H₂O = 1) : 0.89000±0.05
- 9.6 Flash Point : 23°C closed cup

10. STABILITY AND REACTIVITY

- 10.1 Chemical stability and possibility of hazardous reaction : None
- 10.2 Conditions to avoid : None
- 10.3 Incompatible materials : None
- 10.4 Hazardous decomposition products : None



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11. TOXICOLOGICAL INFORMATION

- | | | | |
|------|--|---|--|
| 11.1 | Information on the likely routes of exposure | : | There are no toxicological data existing |
| 11.2 | Health hazards information | : | None |
| | Acute toxic | : | None |
| | Skin corrosive/irritant | : | None |
| | Serious eye damage / eye irritant | : | None |
| | Respiratory sensitization | : | None |
| | Skin sensitization | : | None |
| | Carcinogenicity | : | None |
| | Germ cell mutagenicity | : | None |
| | Reproductive toxicity | : | None |
| | Specific target organ toxicity (Single exposure) | : | None |
| | Specific target organ toxicity (repeated exposure) | : | None |
| | Aspiration hazard | : | None |

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

12. ECOLOGICAL INFORMATION

- | | | | |
|------|-------------------------------------|---|------|
| 12.1 | Aquatic and terrestrial ecotoxicity | : | None |
| 12.2 | Persistence and degradability | : | None |
| 12.3 | Bioaccumulative potential | : | None |
| 12.4 | Mobility in soil | : | None |
| 12.5 | Other adverse effects | : | None |

13. DISPOSAL CONSIDERATIONS

- | | | | |
|------|---|---|---|
| 13.1 | Disposal method | : | Must be disposed in an incinerator |
| 13.2 | Disposal precaution (Including the disposal method of contaminated container and packaging) | : | Disposal must be made according to official regulations |



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14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling and marking are in compliance with the selected mode of transport.

Land transport(DOT)

UN number : 1170
Description of the goods : Ethanol Mixture solutions
Class : 3
Packing group : III
Environmentally hazardous : NO

Sea transport(IMDG/IMO)

UN number : 1170
Description of the goods : Ethanol Mixture solutions
Class : 3
Packing group : III
Marine pollutant : NO

15. Regulatory information

- 15.1 EPCRA - Emergency Planning and Community Right-to-Know
- 15.2 CERCLA Reportable Quantity : This material does not contain any components with a CERCLA RQ
- 15.3 SARA 304 Extremely Hazardous Substances Reportable Quantity : This material does not contain any components with a section 304 EHS RQ
- 15.4 SARA 311/312 Hazards : Fire Hazard
Acute Health Hazard
- 15.5 SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- 15.6 SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313
- 15.7 US State Regulations
- Pennsylvania Right To Know
- | | | |
|---------|-----------|-----------|
| Ethanol | 64-17-5 | 50 - 70 % |
| Water | 7732-18-5 | 30 - 50 % |
- New Jersey Right To Know
- | | | |
|---------|---------|-----------|
| Ethanol | 64-17-5 | 50 - 70 % |
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Water 7732-18-5 30 – 50 %
California Prop 65 : This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects

The ingredients of this product are reported in the following inventories

AICS : All ingredients listed or exempt

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), NECSI (Taiwan), TSCA(USA)

16. OTHER INFORMATION

The data shown in this Material Safety Data Sheet is based on our current knowledge and experience.

The data can be revised by new information. The purpose of this Material Safety Data Sheet is to describe the products from the point of view of safety requirements. Therefore it should not be construed as guaranteeing specific properties.