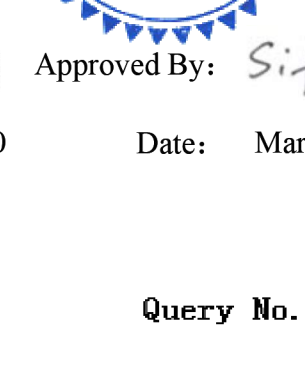
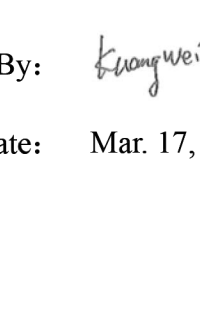


Material Safety Data Sheet (MSDS) Report

Client unit: LMZ Industrial Co. Ltd.

Name of sample: Hand Sanitiser



Tested by: *Sven* Checked By: *Kuangweishang* Approved By: *Sifeifei*

Date: Mar. 17, 2020 Date: Mar. 17, 2020 Date: Mar. 17, 2020

Query No. :02XHR7FI



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1 Identification of substance

Product details

Product name: hand sanitizer

Sample Model: /

Manufacturer: /

Address: /

Tel: / **Fax:** /

Mobile: /

Mail: /

MSDS Code: SET2020-01833

2 Hazards identification

Primary routes of entry:

Eye: Can cause irritation by eyes contact

Skin: May cause irritation if long-term contact.

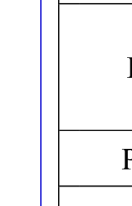
Inhalation: May irritate the respiratory tract if long-term contact.

Ingestion: If swallowed by mistake, it can cause physical discomfort.

Health hazard: May cause irritation to the skin and eyes if long-term contact or contact many times. If swallowed by mistake, it can cause physical discomfort.

Environmental harm: No data available.

Combustion hazard: The product is flash point flammable



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3 Composition/Data on components

Chemical characterization:

Description : (CAS#)

| Chemical Name | CAS No. | In % By Weight | Hazard code | Hazard classification |
|-----------------|-----------|----------------|---|---|
| Ethyl alcohol | 64-17-5 | 75% | H225 H319 H371(optic nerve) H350(inhalation) | Flam. Liq. 2 Eye Irrit. 2 STOT SE 2 Carc. 1B |
| Purified water | 7732-18-5 | 23.27% | Not classified | Not classified |
| Glycerinum | 56-81-5 | 1.2% | Not classified | Not classified |
| Carbomer | 9007-16-3 | 0.3% | Not classified | Not classified |
| Triethanolamine | 102-71-6 | 0.23% | Not classified | Not classified |

Abbreviation :

CAS: Chemical Abstract Service

NA:Not Applicable

Flam. Liq. 2(H225): Highly flammable liquid and vapour.

Eye Irrit. 2(H319): Causes serious eye irritation.

STOT SE 2(H371)(optic nerve): May cause damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Carc. 1B(H350(inhalation)): May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

4 First aid measures

Skin contact

Remove contaminated clothes and rinse the skin with plenty of water.

Eye contact

Lift the eyelid, use flowing water or normal saline to irrigate. Get medical aid immediately.

Inhalation

If inhalation cause respiratory discomfort, move to fresh air immediately rest. If uncomfortable situation failed to ease, get medical aid immediately.

Ingestion

If swallowed by mistake, gargle with water. Medical attention immediately.



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5 Fire fighting measures

Combustion hazard: Flash point flammable. Flash point <23°C

Extinguishing Media: put out a fire in the surrounding environment with the right agent. Such as CO₂, dry powder.

Fire precautions and measures: Firefighters must wear gas masks, wear firefighting suits.

Combustion products: CO, CO₂ etc.

6 Accidental release measures

Disposal methods:

1. Rapid evacuation leakage pollution area personnel to safe areas, and isolation, strictly limited access;
2. Provide adequate protection and ventilation equipment;
3. Collect the leakage in a suitable labeled container as much as possible;
4. In a safe condition, choose appropriate ways to prevent or reduce leakage, for example use sand or clay ring-fence leakage, possible cut off leakage source, avoid into sewer or other enclosed spaces;
5. Cut off the source of leakage as much as possible, avoid entering sewers or other confined space;
6. If a large number of leakage, collect and recycle leakage to suitable and indicative covered container, and shipped to a special waste disposal site disposal.

Waste treatment methods: All waste must be referring to the United Nations, national and local regulations for disposal.

7 Handling and storage

Handling: Ventilation, operators must receive special training, strictly abide by the operational procedures.

Far away from fire and heat source. The workplace smoking is strictly prohibited. Use explosion-proof ventilation systems and equipment. To prevent leakage in the air of workplace. Light lightly discharge when handling to prevent damage of the container. Equipped with corresponding varieties and number of fire equipment.

Storage: Store in a cool, ventilated, dry place. Far away from the fire, power supply. Do not turn-over, far away from heat and acid and alkali corrosive medium, strictly prohibit insoluble.



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8 Exposure controls and personal protection

Monitoring method: No data available.

Engineering controls: Ensure vapor concentration in the workshop under the requirements of existing OSHA.

Respiratory system safeguard: Exceed the standard concentration in air, must wear self-priming filter type gas mask (half mask), emergency rescue or evacuation, should wear air respirator.

Eye safeguard: Wear chemical safety protective glasses.

Body safeguard: Wear workingclothes.

Hand safeguard: Wear glove.

Else safeguard: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene. Avoid prolonged and repeated contact. After work, shower and change clothes.

9 Physical and chemical properties:

General Information

a) appearance and properties: Colorless transparen gel

b) Odour: Wine aroma

c) melting point: No data available

d) boiling point: No data available

e) relative density: No data available

f) viscosity: No data available

g) solubility: Soluble in water

h) PH: No data available

10 Stability and reactivity

10.1 stability

No data available.

10.2 avoid contact conditions

Open fire, high heat.

10.3 prohibited content

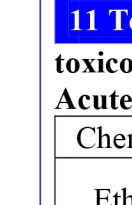
No data available.

10.4 aggregate harm

No data available.

10.5 decomposition product

No data available.



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11 Toxicological information

toxicology influencing information

acute toxicity

| Chemical Name | CAS 号 | LD50 | LC50 |
|---------------|---------|--|---|
| Ethyl alcohol | 64-17-5 | 7060mg/Kg (Rabbit Oral) 7430mg/Kg (Rabbit Skin) | 20003mg/m ³ , 8H (Rat inhaled) |

Irritation

No data available

Chronic toxicity

No data available

Carcinogenicity

No data available

Reproduction toxicity

No data available

12 Ecological information

12.1 ecotoxicity

No known significant effects or critical hazards.

12.2 biological degradability

No known significant effects or critical hazards.

12.3 non-living things degradability

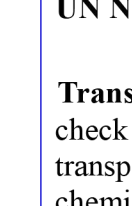
No known significant effects or critical hazards.

12.4 biology gathering and biology accumulate

No known significant effects or critical hazards.

13 Disposal considerations

All waste must be referring to the United Nations, national and local regulations for disposal, the dumped or discarded material may be regard as a restrictive waste referring to local regulations. Cleaned containers containing this substance were also required treatment. Comply with waste law. Atmospheric Pollution Act and water pollution law for disposal.



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14 Transport information

Number of dangerous goods: 32061

UN Number: 1170

Transport Attentions:

check whether the container is full, sealing, to ensure that the container does not leak during the process of transportation, do not fall, do not fall, no damage. It is strictly prohibited and oxidant, such as food chemicals during conventional. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. Transport vehicle must thorough cleaning and disinfection, or other items shall not be shipment. Shipping, equipped with position should be far away from the bedroom, kitchen, and from the engine room, power supply, fire and other parts. Highway transportation route as prescribed.

15 Regulations

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

Chemical Dangerous Goods Safety Management Regulations (January 9, 2002 by the State Council), the workplace safe use of chemicals ([1996] Ministry of Labor No. 423) and other regulations made the corresponding provisions on the safe use of hazardous chemicals, production, storage, transport, handling, etc.

Please note that waste disposal should meet local regulatory requirements.

16 Other information:

The above information are correct, but does not contain all of the information and only used as a guide. The information in this document is based on our current knowledge, it apply to this product as for the correct safety tips. The information does not guarantee the properties of this product. Our company is not responsible for any damages caused by the products.

***** END OF REPORT *****