



MSDS

Report No.: HLF20003558E

Report Date: Mar 24, 2020

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Material Safety Data Sheet

(MSDS)

Samples Name: Hand Sanitiser gel

Model: /

Brand name: /

Client Name: GUANGZHOU SLUJ SPECIAL CHEMICAL CO., LTD.

Address: NO 8, FUXING, EAST SIDE OF CORPORATION MID-ROAD, QIXINGGANG, LUOGANG VILLA
GE, JUNHE STREET, BAIYUN DISTRICT, GUANGZHOU CITY, GUANGDONG PROVINCE

Post Code: 510440

Reviewed by:

Lab Senior Engineer

Authorized Signature:

Technology Manager

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FLION TESTING TECHNOLOGIES

Add: Gangzi Industrial Park, Furong Industrial Area, Xinqiao Village, Shajing Town, Bao'an District, Shenzhen City

Tel : 86-0755-2724 8885

Fax : 86-0755-2746 0090

Http://www.cnfft.com



Section 1 - Chemical Product and Company Identification

Product Name: Hand Sanitiser gel

Manufacture: GUANGZHOU SLUJ SPECIAL CHEMICAL CO., LTD.

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Contact Person: Jiang meng

Tel: 02086077307-6863

FAX: 02086077357

Email: 2370917612@qq.com

Section 2 - Hazards Identification

Fatalness grade: FLAMMABLE LIQUID IN CLASS 3.2

GHS labelling elements



Signal words danger

Hazard statement H225 highly flammable liquids and vapors

Invasion route: Percutaneous absorption by inhalation

Health hazards: This product is a central nervous system inhibitor. first causing excitement and subsequently inhibition. Acute poisoning: acute poisoning occurs mostly in oral administration. Generally can be divided into excitement, hypnosis, anesthesia, asphyxia four stages. The patient entered the third or fourth stage with loss of consciousness, dilated pupils, irregular breathing, shock, heart failure and respiratory arrest. Chronic effects: in the production of long-term exposure to high concentration of this product can cause nasal, eye, mucosal irritation symptoms, as well as headache, dizziness, fatigue, agitation, tremor, nausea and so on. Long-term sprinkling can cause polyneuropathy, chronic gastritis, fatty liver, cirrhosis, myocardial damage and organic psychosis. Long-term skin contact can cause dryness, detritus, chapped and dermatitis

Environment hazards: The substance may be harmful to the environment and special attention should be paid to water bodies

Burn & burst danger: This product is flammable and irritating

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Section 3 –Composition/Information on Ingredient

Pure

Admixture ■

Composition:

Chemical Name	The molecular formula	Molecular weight	Composition (in% by weight)	CAS No.	EC No.
Alcohol	C ₂ H ₆ O	46	70-75	64-17-5	200-578-6
Carbomer	C ₃ H ₄ O ₂	72	0.3	9007-20-9	--
Glycerin	C ₃ H ₈ O ₃	92.09	0.5	56-81-5	200-289-5
Triethanolamine	C ₆ H ₁₅ NO ₃	149	0.3	102-71-6	203-049-8
Water	H ₂ O	18	28.9	7732-18-5	231-791-2

Section 4 - First Aid Measures

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

Eyes touch: Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water. Get medical aid

Inhalation: Get out of the scene quickly to fresh air. Medical treatment

Ingestion: If swallowed, it thoroughly with water gargle, timely medical treatment

Section 5 - Fire Fighting Measures Danger

Characteristic: Flammable, its vapor and air can form an explosive mixture, open fire, high thermal energy caused by combustion explosion. chemical reaction or cause combustion in contact with oxidant. In the fire, heated containers are at risk of explosion. The vapor is heavier than air and can spread far below the point where the source of fire will ignite and rekindle

Hazardous combustion products: Carbon monoxide, carbon dioxide

Fire-Fighting method & media: Remove containers from the fire to the open as far as possible. Spray water to keep the fire vessel cool until the fire is over. Fire extinguishers: Anti-soluble foam, dry powder, carbon dioxide, sand

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Section 6 –Accidental Release Measures

Emergency treatment: Rapid evacuation of personnel from the contaminated areas to the safe areas and isolation, strict access restrictions. Cut off the fire. It is recommended that emergency workers wear self-contained positive pressure respirator and anti-static work clothes. cut the leak source as much as possible. prevent from flowing into sewers, drains and other restricted spaces. Small leakage: adsorption or absorption with sand or other noncombustible materials. can also be washed with a large amount of water, wash water diluted into the wastewater system. Massive leakage: construction of a berm or pit for shelter. covered with foam to reduce the vapor disaster. Transfer to tank truck or special collector with explosion-proof pump for recovery or transport to waste disposal site for disposal

Section 7 - Handling and Storage

Handling: Airtight operation, full ventilation. Operators must be specially trained and strictly follow the operating procedures. It is recommended that operators wear filter gas mask (half mask) and antistatic work clothes. Keep away from fire, heat source, no smoking in the workplace. Use explosion-proof ventilation systems and equipment. prevent vapor from leaking into workplace air. Avoid contact with oxidants, acids, alkali metals, amines. The flow rate should be controlled when filling, and there is a grounding device to prevent electrostatic accumulation. Equipped with corresponding varieties and quantities of fire fighting equipment and leakage emergency handling equipment. Empty containers may contain harmful residues

Storage: Store in a cool, ventilated warehouse. Away from fire, heat source. library temperature should not exceed 30°C. Keep container sealed. should be stored separately with oxidants, acids, alkali metals, amines, etc. avoid mixed storage. Use explosion-proof lighting, ventilation facilities. The use of spark-prone machinery and tools is prohibited. The storage area shall be equipped with emergency leak handling equipment and suitable shelter materials.

Section 8 - Exposure Controls, Personal Protection

Maximum admissible concentration:

AmericaTWA: OSHA1000PPm,1880mg/m³;ACGIH1000ppm,1880mg/m³

TLVTN: OSHA 1000ppm,1880mg/m³; ACGIH 1000ppm,1880mg/m³

Monitoring Method: /

Engineering Control: The production process is airtight and fully ventilated. Provide safe shower and eye washing equipment

Respiratory Protection: Generally do not need special protection.

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Eyes Protection: Generally do not need special protection. .

Body Protection: Wear antistatic clothing.

Hands Protection: Wear general 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: Transparent gel

Color: Colorless transparent

Odor: Alcohol flavor

Density: /

Boiling Point: No data.

Melting Point: 30-40°C

Flashpoint: No data.

Vapour pressure: No data.

Solubility in water: Soluble in water

Partition coefficient (n-octanol / water): No data.

Viscosity: Not applicable

PH Value:6.5-7.5

Permission of solvent inhalation: No data.

Solubility: Soluble in water

Ignition temperature: /

Section 10 - Stability and Reactivity

Stability: Stability at room temperature

Distribution of Ban: Strong oxidants, acids, anhydride, alkali metals, amines

Conditions to Avoid: Fire and heat.

Hazardous Polymerization: Without

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

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Acute Toxicity: LD50: 7060mg/kg(rabbit oral);7430 mg/kg(rabbit percutaneous)
LC50: 37620mg/m3,10 hours (rats inhaled)

Sub-acute and Chronic Toxicity: No data.

Irritation: Skin irritation is different from person to person, there is a big gap

Sensitization: No data.

Mutagenicity: No data.

Carcinogenicity: No data.

Others: /

Section 12 - Ecological Information

Eco-toxicity: No known significant effects or critical hazards.

Biodegradable: No applicable.

Non-biodegradable: No applicable.

Bioconcentration or biological accumulation: No applicable.

Other harmful effects: No known significant effects or critical hazards.

Section 13 - Disposal Considerations

Nature of waste: /

Waste disposal methods: Refer to relevant national and local regulations before disposal. Recommended disposal by incineration

Attention abandoned: Away from water

Section 14 - Transport Information

Number of dangerous goods: 32061

UN Number: 1170.

Packaging Mark: Flammable liquid

Packaging Method: No data.

Transport Attentions: Examine whether the package of the containers are integrate and tighten closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer, acid and so on. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. Don't use device and tools which can easily produce spark for loading. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and

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fire source. Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area. No slipping up in rail road.

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.

The International Maritime Dangerous Goods (IMDG) Code.

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.

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Note:

-Photo is included

Photograph of Sample



*****End of MSDS*****

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