



MSDS

Report No.: HLF20004577E

Report Date: Apr 7, 2020

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Material Safety Data Sheet (MSDS)

Samples Name: Alcohol Anti-Bacterial Wet Wipes

Item Number: E0001

Reviewed by:

Lab Senior Engineer

Authorized Signature:

Technology Manager

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FLION TESTING TECHNOLOGIES

Add: Gangezi 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: See item 3 for details

Manufacture: Guangzhou Shentai Hygienic Products Co.,Ltd.

Address: NO. 2 Shiqing Road, Shijing Street, Baiyun District, Guangzhou,Guangdong, China.

Section 2 - Hazards Identification

Fatalness grade: Class 3.2 Medium flash point flammable materials.

GHS label elements



Signal word danger

Hazard statement H225 Highly flammable

Invasion route: Inhalation, ingestion, percutaneous absorption, eye contact.

Health hazards: Contains central nervous system inhibitors. Excitation is first induced, followed by inhibition.

Acute poisoning: acute poisoning occurs mostly by oral administration. Generally can be divided into excitement, hypnosis, anesthesia, asphyxia four stages. The patient enters the third or fourth stage with loss of consciousness, dilated pupils, irregular breathing, shock, heart failure and respiratory arrest.

Chronic effects: long-term exposure to high concentration of this product can cause nasal, eye and mucous membrane irritation symptoms, as well as headache, dizziness, fatigue, excitement, tremor, nausea, etc. Long-term alcoholism can cause multiple neuropathy, chronic gastritis, fatty liver, cirrhosis, myocardial damage, organic psychosis, etc. Prolonged skin contact can cause dryness, desquamation, chapping and dermatitis.

Environment hazards: This substance may be harmful to the environment. Special attention should be paid to water bodies.

Burn & burst danger: This product is inflammable and irritating

Section 3 –Composition/Information on Ingredient

Pure

Admixture■

Composition:

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| Chemical Name | Composition (in% by weight) | Chemical formula | Molecular weight | CAS No. | EC No. |
|-----------------------|-----------------------------|---|------------------|------------|-----------|
| WATER | 24.839 | H ₂ O | 18.02 | 7732-18-5 | 231-791-2 |
| Benzalkonium Chloride | 0.08 | C ₂₂ H ₄₀ ClN | 354.01300 | 63449-41-2 | -- |
| Benzisothiazolinone | 0.001 | C ₇ H ₅ NOS | 151.1857 | 2634-33-5 | 220-120-9 |
| Glycine | 0.08 | C ₂ H ₅ NO ₂ | 75.07 | 56-40-6 | 200-272-2 |
| Ethyl Alcohol | 75 | C ₂ H ₆ O | 46.07 | 64-17-5 | 200-578-6 |

Section 4 - First Aid Measures

Skin touch: This product is used for daily hand disinfection, clean the skin, not long time contact with the skin.

Eyes touch: Immediately lift eyes and face and rinse with running water or normal saline.. If there is pain, treatment .

Inhalation: Quickly leave the scene to fresh air. Keep your airways open. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion: Drink plenty of warm water to induce vomiting. Seek medical attention.

Section 5 - Fire Fighting Measures Danger

Characteristic: This product is flammable. Its vapor can form explosive mixture with air, which can cause combustion and explosion in case of open flame and high heat energy. Contact with an oxidant to cause a chemical reaction or cause combustion. In a fire scene, heated containers are at risk of explosion. Its vapor is heavier than air and can spread to a relatively low place at a lower place. It will ignite when it comes to a fire source.

Hazardous combustion products: carbon monoxide, carbon dioxide.

Fire-Fighting method & media: Firefighters must wear filter-type gas masks (full-face masks) or isolated respirators, wear full-body fire protection suits, and extinguish fires against the wind. Move the container from the fire to an open area as much as possible. Spray water to keep the container cool until the fire is over.

Fire extinguishing agent: solvent-resistant foam, dry powder, carbon dioxide, sand.

Section 6 –Accidental Release Measures

Emergency treatment: Evacuate personnel from the contaminated area to the safe area, and quarantine, strictly restrict access. Cut off the fire. Emergency personnel are advised to wear self-contained positive pressure breathing apparatus and fire protective clothing. As far as possible to cut off

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the source of leakage, prevent entering the sewer, drainage ditch and other restricted space.

Small amount of divulgence: To adsorb or absorb with sand or other noncombustible material.

Massive divulgence: Construct a dike or dig for containment; cover with foam to reduce steam disasters. Use explosion-proof pump to transfer to tanker or special collector, recycle or transport to waste disposal place for disposal.

Section 7 - Handling and Storage

Handling: Confined operation, local exhaust, and proper exhaust equipment in places where dust is generated.

Operators must be specially trained and strictly abide by the operating procedures. Operators are advised to wear filter respirators (half-masks), antistatic work clothes, and gloves. Away from fire and heat sources, smoking is strictly prohibited in the workplace. Avoid generating dust. Use explosion-proof ventilation systems and equipment. Avoid contact with oxidants, acids, alkali metals and amines. Equipped with the corresponding variety and quantity of fire fighting equipment and leakage emergency treatment equipment. Empty containers may be harmful residues.

Storage: Store in a cool and ventilated place, away from direct sunlight, away from fire and heat source, storage temperature should not exceed 30°C, packaging requirements sealed, not with air contact. Store separately with oxidants, acids, alkali metals, amines, etc. Equipped with the corresponding type and number of fire extinguishing tools, do not use easy to produce spark mechanical equipment and tools. The storage area should be equipped with emergency leak handling equipment and suitable storage materials.

Section 8 - Exposure Controls, Personal Protection

Maximum admissible concentration: Not applicable.

Monitoring Method: None.

Engineering Control: Closed operation, enhance ventilation. Safety shower and eyewash equipment.

Respiratory Protection: Generally do not need special protection, high concentration contact can be worn filter gas mask (half mask).

Eyes Protection: Wear chemical safety glasses.

Body Protection: Wear anti-static protective clothing.

Hands Protection: Wear protective gloves.

Other Protections: Smoking, eating and drinking are prohibited at the work site. Maintain good hygiene.

Section 9 - Physical and Chemical Properties

Appearance: White flake

Color: White

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Odor: Alcohol smell

Packing density: No data.

Boiling Point: No data.

Melting Point: No data.

Flashpoint: No data.

Vapour pressure: No data.

Solubility in water: No data.

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

Viscosity: Not applicable

PH Value: No data.

Permission of solvent inhalation: No data.

Solubility: No data..

Ignition temperature: No data

Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure.

Distribution of Ban: Strong oxidizer, strong acid.

Conditions to Avoid: Source of fire, heat.

Hazardous Polymerization: No data

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

Section 11 - Toxicological Information

Acute Toxicity: LD50:7060mg/kg(rat); 7340 mg/kg(rabbit percutaneous); LC50:37620 mg/m, 10 h (inhaled by rats).

Sub-acute and Chronic Toxicity: No significant impact or hazard is known.

Irritation: Skin irritant differs from person to person, exist very big difference.

Sensitization: No data.

Mutagenicity: No data.

Carcinogenicity:.. No data.

Others:None.

Section 12 - Ecological Information

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

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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: Unused products are not considered hazardous waste.

Waste disposal methods: Recycling or refer to the relevant national and local laws and regulations.

Attention abandoned: Do not dump products into city sewers, floors, or natural water sources.

Section 14 - Transport Information

Number of dangerous goods: No applicable.

UN Number: No data.

Packaging Mark: Flammable

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 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. The railway transportation shall be carried out in strict accordance with the dangerous goods installation table in the "Dangerous Goods Transportation Regulations" of the Ministry of Railways.

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.

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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.

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

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