

Safety Data Sheet (SDS)

The content and format of this SDS is accordant with 29 CFR 1910.1200 (OSHA standard)

1. Identification

Product details

Product name: 75% Alcohol wipes

Recommended use of the chemical and restrictions on use: It is used for human skin disinfection.

Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

Manufacturer/Supplier: KANGNA(ZHEJIANG) MEDICAL SUPPLIES CO., LTD.

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2. Hazards identification

GHS classification:

Physical hazards: Flammable solids, Category 1

Health hazards: Not classified

Environmental hazards: Not classified

Signal Word: Danger

Symbol:



Hazard Statements:

H228: Flammable solid.

Precautionary Statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof [electrical/ventilating/lighting] equipment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Precautionary Statements:

P370 + P378: In case of fire: Use dry chemical, carbon dioxide, water spray, alcohol-resistant foam to extinction.

Storage precautionary statements:

No special requirements.

Disposal precautionary statements:

No special requirements.

3. Composition/information on ingredients

Product description: substance (); preparation/mixture (√)

Ingredient (s)	CAS No.	EC No.	% by weight
Ethyl alcohol	64-17-5	200-578-6	75
Water	7732-18-5	231-791-2	25

4. First aid measures

Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact: Not expected to present a significant skin hazard under anticipated conditions of normal use. Wash skin with plenty of water.

Eyes Contact: Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth. Do not induce vomiting without professional instruction. Call a POISON CENTER or doctor/physician if you feel unwell.

Acute effect and delayed effect: Acute effect: Not found. Delayed effect: Not found.

Personal protective equipment: Wear protective gloves/protective clothing/eye protection/face protection when necessary.

Indication of immediate medical attention and treatment needed, if necessary: Treat according to symptoms and exposure dose.

5. Fire-fighting measures

Extinguishing Media: Dry chemical, carbon dioxide, water spray, alcohol-resistant foam. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable Extinguishing Media: Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

Special hazards arising from the chemical: Flammable solid. Hazardous decomposition products in case of fire: Toxic fumes may be released.

Fire Fighting Method:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

Special actions for fire-fighters: Firefighters must wear self-contained breathing apparatus and full protective equipment.

Check whether the protective equipment is in good condition before use.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use proper personal protective equipment as indicated in Section 8.

Environmental precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

Methods and material for containment and cleaning up:

Small Spill:

Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.

Large Spill:

Isolate contaminated area and set up a warning board.

Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Remove all sources of ignition. Use spark-proof tools.

Collect the spilled material with appropriate tools into an appropriate container and transport the waste to the disposal place.

7. Handling and storage

Precautions for safe handling (for worker):

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/ventilating/lighting] equipment.

Wear protective gloves/protective clothing/eye protection/face protection.

Conditions for safe storage, including any incompatibilities: Store it in a well-ventilated, cool and dry store room. Keep container tightly closed. Keep away from heat/sparks/open flames/ hot surfaces.

Incompatible substances or mixtures: No information available.

Packing material: Plastic package.

8. Exposure controls/personal protection

Occupational Exposure Limits:

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
Ethyl alcohol (CAS: 64-17-5)	1000 ppm	(ST) 1000 ppm

Engineering Controls:

Use this product only in closed systems fully or with local exhaust ventilation.

Install washer eyes and safety showers near to the handling and storage area.

Shows the location of these facilities, with a clear and prominent warning board.

Personal Protective Equipment (For workers):

Protection of Hands:

Recommend wearing protective gloves (e.g. rubber gloves).



Protection of Eyes:

Wear safety glasses when liquid may splash.



Respiratory Protection:

Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



Protection of Body:

Recommend wearing general working clothing.



General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

9. Physical and chemical properties

General Information	
Form	Fluid soaked paper towel
Color	No data available
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas, etc.)	Flammable solid.
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available

Vapor density	No data available
Relative density	No data available
Solubility (ies)	No data available
Partition coefficient: n-octanol/Water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available

10. Stability and reactivity

Reactivity and Chemical stability: This product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of hazardous reactions: No relevant information.

Conditions to Avoid: Keep away from heat/sparks/open flames/ hot surfaces.

Incompatible materials: No relevant information.

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

11. Toxicological information

Product Toxicity Data:

Ingredient (s)	CAS No.	LD₅₀/LC₅₀ (Median lethal dose)
Ethyl alcohol	64-17-5	Acute toxicity (Oral) LD ₅₀ : 10,470 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD ₅₀ : 17,100 mg/kg (rabbit) Data source: ECHA Acute toxicity (Inhalation: vapour) LC ₅₀ : 124.7 mg/L (rat) Data source: ECHA
Classification of the whole product:		Not classified

Skin corrosion/irritation	No classification for this product.
Serious eye damage/eye irritation	No classification for this product.
Respiratory sensitizer	No classification for this product.
Skin sensitizer	No classification for this product.
Germ cell mutagenicity	No classification for this product.
Carcinogenicity	No classification for this product.
Reproductive Toxicity	No classification for this product.
Specific target organ toxicity, single exposure:	No classification for this product.
Specific target organ toxicity, repeated exposure:	No classification for this product.
Aspiration hazard	No classification for this product.

12. Ecological information

Ecotoxicity:

Ethyl alcohol (CAS: 64-17-5):

96h-LC₅₀: 14,200 mg/L, fish (Pimephales promelas) (Data source: ECHA)

42h-NOEC: 500 mg/L, fish (Danio rerio) (Data source: ECHA)

24h-LC₅₀: 31,700 mg/L, aquatic invertebrates (Streptocephalus rubricaudatus) (Data source: ECHA)

9d-NOEC: 9.6 mg/L, aquatic invertebrates (Daphnia magna) (Data source: ECHA)

Classification of the whole product: Not classified

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in Soil: No relevant information.

Other adverse effects: No relevant information.

13. Disposal considerations

Waste treatment methods:

Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Paste a label on the container indicating the possible hazards of the waste.

It is recommended to use incineration method to dispose of waste.

14. Transport Information

DOT/Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG:

UN proper shipping name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethyl alcohol)

Transport hazard class(es): 4.1

UN number: 3175

Packing Group: II

Packing Group Symbol:



Marine Pollutant (Yes/No): No

EMS NO.: F-A S-I

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable

Special precautions:

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

15. Regulatory information

United States:

The Proposition 65 List: Not listed.

Section 355 (extremely hazardous substances): Not listed.

SARA 313: This product does not contain SARA 313 Toxic Release Chemicals.

Clean Water Act:

Chemical Name	Reportable Quantities	Hazardous Substances	Priority Pollutants	Toxic Pollutants
Not applicable	Not applicable	Not listed.	Not listed.	Not listed.

Toxic Substances Control Act (TSCA): All ingredients are listed in the TSCA Inventory List.

Carcinogenicity categories: Ethyl alcohol (CAS: 64-17-5): IARC-1 (Ethanol in alcoholic beverages).

Other relevant laws and regulations:

Canada Domestic Substances List (DSL): All ingredients are listed in the Canada DSL.

Canada Non-domestic Substance List (NDSL): Not listed.

Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed.

REACH Regulation Annex XVII Regulation List: Not listed.

REACH Regulation Annex XIV Authorization List: Not listed.

(EC) 1272/2008 Annex VI Table 3.1:

Ingredient(s)	EC No. 1272/2008 Classification	
	CLASS. CODE	HAZARD CODE
Ethyl alcohol (CAS: 64-17-5)	Flam. Liq. 2	H225

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

16. Other information

DISCLAIMER:

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above-mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

References:

GHS Annex II

GHS SDS Instruction

ANSI Z400.1/Z129.1-2010

OSHA Hazard Communication Standard (HCS) 2012

Full description of some acronyms:

CAS-Chemical Abstracts Service

EINECS-European Inventory of Existing Commercial Chemical Substances

IMO-International Maritime Organization

IMDG-International Maritime Dangerous Goods
IATA-International Air Transport Association
ICAO-International Civil Aviation Organization
TSCA-Toxic Substances Control Act
OSHA-Occupational Safety and Health Administration
ACGIH- American Conference of Governmental Industrial Hygienists

The Issuing date: May 19, 2020

SDS Version: 1.0

*****The End*****