

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: Antibacterial 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: Not classified

Health hazards: Not classified

Environmental hazards: Not classified

Signal Word: Not applicable

Symbol: Not applicable

Hazard Statements:

No relevant classification for this product.

Precautionary Statements:

No special requirements.

Response Precautionary Statements:

No special requirements.

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
Water	7732-18-5	231-791-2	99.269
Phenoxyethanol	122-99-6	204-589-7	0.500
Benzalkonium Chloride	8001-54-5	616-786-9	0.130
Polysorbate 20	9005-64-5	500-018-3	0.050

Disodium EDTA	139-33-3	205-358-3	0.050
Sodium Hydroxide	1310-73-2	215-185-5	0.001

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: Remove clothing near area. Wash exposed area with water. If symptoms persist, seek medical attention.

Eyes Contact: Remove contact lenses. Flush eye area for 15 minutes with large concentrations of water. If symptoms persist, obtain medical advice.

Ingestion: Drink several glasses of milk or water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, obtain medical advice.

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: No further relevant information available.

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.

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):

Wash hands thoroughly after handling.

Avoid damage of packaging or containers during handling.

Conditions for safe storage, including any incompatibilities: Store it in a well-ventilated, cool and dry store room. 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
Sodium Hydroxide (CAS: 1310-73-2)	2 mg/m ³	2 mg/m ³

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	Odorless
Odor	No data available
Odor threshold	No data available
pH	4.0 ~ 7.0
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	> 200°F Closed Cup
Evaporation rate	No data available
Flammability (solid, gas, etc.)	Non-flammable
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)	Water Soluble.
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: No relevant information.

Incompatible materials: No relevant information.

Hazardous decomposition products: No relevant information.

11. Toxicological information

Product Toxicity Data:

Ingredient (s)	CAS No.	LD ₅₀ /LC ₅₀ (Median lethal dose)
Phenoxyethanol	122-99-6	Acute toxicity (Oral) LD ₅₀ : 1,840 mg/kg (rat) Data source: ECHA Acute toxicity (dermal) LD ₅₀ >2,214 mg/kg (rabbit) Data source: ECHA
Polysorbate 20	9005-64-5	Acute toxicity (Oral) LD ₅₀ : 36,700 mg/kg (rat) Data source: ECHA Acute toxicity (dermal) LD ₅₀ >3,000 mg/kg (rabbit) Data source: ECHA
Disodium EDTA	139-33-3	Acute toxicity (Oral) LD ₅₀ : 2,800 mg/kg (rat) Data source: ECHA
Sodium Hydroxide	1310-73-2	Acute toxicity (Oral) LD ₅₀ : 325 mg/kg (rabbit) 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: No data available.

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: Not regulated.

Transport hazard class(es): Not applicable.

UN number: Not applicable.

Packing Group: Not applicable.

Packing Group Symbol: Not applicable.

Marine Pollutant (Yes/No): No

EMS NO.: Not applicable.

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
Sodium Hydroxide (CAS: 1310-73-2)	454kg	Listed.	Not listed.	Not listed.

Toxic Substances Control Act (TSCA):

Ingredient (s)	CAS No.	TSCA
Water	7732-18-5	Listed
Phenoxyethanol	122-99-6	Listed
Benzalkonium Chloride	8001-54-5	Not listed
Polysorbate 20	9005-64-5	Listed
Disodium EDTA	139-33-3	Listed

Sodium Hydroxide

1310-73-2

Listed

Carcinogenicity categories: Not listed by EPA, NTP, ACGIH and IARC.

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
Phenoxyethanol (CAS: 122-99-6)	Acute Tox. 4 *	H302
	Eye Irrit. 2	H319
Sodium Hydroxide (CAS: 1310-73-2)	Skin Corr. 1A	H314

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

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