

MATERIAL SAFETY DATA SHEET

Zehn Antiseptic Sanitizing Wipes

1. Product and Company identification

Product identifier:

Product identifier: Zehn Antiseptic Sanitizing Wipes

CAS#: Mixture

Product Use: Cleaning and protectant wipes

Manufactured By :

Hangzhou Biogen Hygiene Co.,Ltd

Address (Number, Street, City, State, and ZIP Code):

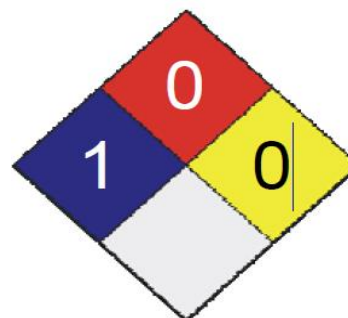
#1008, Building 2, Pacific Plaza, Beigan Street, Xiaoshan, Hangzhou, China

Telephone Number: 86-571-83581362

Contact Person: Lemon Zhou

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/	1
Flammability		0
Physical Hazard		0
Personal Protection		A



2. Hazards Identification

Emergency Overview:

This product is regulated as a sanitizing products. Extensive testing has been completed to show that it is safe and effective when used as directed. PRECAUTION: CAUTION MAY CAUSE EYE IRRITATION. Avoid contact with eyes.

Potential short term health effects:

Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.
Eyes	May cause eye irritation.
Skin	None expected during normal conditions of use. Not expected to be a skin sensitizer.
Inhalation	None expected during normal conditions of use.
Ingestion	Health injuries are not known or expected under normal use.
Target organs	Blood. Eyes. Liver. Respiratory system. Skin.
Chronic effects	The finished product is not expected to have chronic health effects.
Signs and symptoms	Symptoms may include redness, oedema, drying, defatting and cracking of the skin.
Potential environmental effects	See section 12.

3. Composition/Information on Ingredients

INCI Name:	% in Product	CAS No.
Benzalkonium Chloride	0.13%	68424-85-1
Aqua	98.20%	7732-18-5
Propylene Glycol	0.80%	57-55-6
Aloe Barbadensis Extract	0.30%	85507-69-3
Phenoxyethanol	0.20%	122-99-6
Polysorbate 20	0.20%	9005-64-5
Hexylene Glycol	0.05%	107-41-5
Ethylhexyl Glycerin	0.08%	70445-33-9
Melaleuca Alternifolia (Tea Tree) Leaf Oil	0.02%	68647-73-4
Citric Acid	0.02%	77-92-9

4. First-Aid Measures

First aid procedures

Eye contact

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin contact

Wash hands thoroughly after handling. If skin irritation persists, call a physician.

Inhalation

Move to fresh air.

Ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center IMMEDIATELY.

General advice

If you feel unwell, seek medical advice show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire-Fighting Measures

Flammable properties:

Not flammable by OSHA criteria.

The flashpoint of the liquid within this product is > 93.3°C (200°F) (Tagliabue).

Extinguishing media :

Suitable extinguishing media Treat for surrounding material.

Unsuitable extinguishing media Not available

Protection of firefighters:

Specific hazards arising from the chemical

Not available

Protective equipment for Firefighters

Firefighters should wear full protective clothing including self contained breathing apparatus.

6:Accidental Release Measures

Personal precautions: Avoid contact with eyes. Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions: Do not discharge into lakes, streams, ponds or public waters.

Methods for containment: Do not allow product to enter sewer or waterways.

Methods for cleaning up: Never return spills in original containers for re-use.

Other Information: Pick up and discard towel.

7. Handling and Storage

Handling: Avoid contact with eyes.
Use good hygiene practices in handling this material.

Storage: Store in original container out of reach of small children. Keep securely closed in a cool, well ventilated area. Do not reuse empty container. Rinse and discard or recycle.
Do not store at temperatures above 120°F (49°C).
It is a violation of Federal law to use this product in a manner inconsistent with its labeling

8.Exposure Controls/Personal Protection

Control parameters

Alkyl dimethyl benzyl ammonium chlorides ACGIH-TLV
Not established
OSHA-PEL
Not established

No special controls required. Use general ventilation.

Exposure controls

Personal protective equipment
General protective and hygiene measures
Provide for good ventilation. Observe the usual safety measures when handling chemicals.
Respiratory protection
Not necessary for normal use.

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye/Face protection

Avoid contact with eyes.
Emergency responders should wear full eye and face protection.

Hand protection

Wash hands after use.
Emergency responders should wear impermeable gloves.

Skin and body protection

As required by employer code.
Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

Respiratory protection

Not normally required under normal use conditions.
Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

Respirators:

No special controls or personal protection required under conditions of intended use. In general, the components from which

the nonwoven fabric has been constructed are free from injurious effects. Similarly the chemicals, finishes and liquors applied are not injurious.

9. Physical and Chemical Properties

Appearance	Liquid saturated on wipe
Colour	clear liquid
Form	Pre-moistened towelette.
Odour	Various
Odour threshold	Not available
Physical state	Not available
pH	4.5-7.5 (liquid)
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation Rate	Not available
Flash point	> 93.33 °C (> 200 °F) (liquid) Tagliabue
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	Not available
Vapour density	Not available
Specific gravity	0.99 (liquid)
Octanol/water coefficient	Not available
Solubility (H2O)	Wipe is not soluble

10. Stability and Reactivity

Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	DO NOT MIX WITH BLEACH or use in conjunction with other household products.Heat, open flames, static discharge, sparks and other ignition sources.
10.5 Incompatible materials	Oxidizers.
10.6 Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

11. Toxicological Information

Information on toxicological effects
LD/LC50 values that are relevant for classification:

Benzalkonium Chloride:

Acute oral toxicity (LD50) rabbit	: ca. 344 mg/kg
Acute dermal toxicity (LD50) rabbit	: ca. 3 340mg/kg.
Irritation eye rabbit	: Corrosive

Effects of acute exposure:

Eye	May cause eye irritation.
Skin	None expected during normal conditions of use. Not expected to be a skin sensitizer.
Inhalation	None expected during normal conditions of use.
Ingestion	Health injuries are not known or expected under normal use.
Sensitisation	The finished product is not expected to have chronic health effects.
Chronic effects	The finished product is not expected to have chronic health effects.

space

Carcinogenicity The finished product is not expected to have chronic health effects.

ACGIH - Threshold Limit Values - Carcinogens

Mutagenicity The finished product is not expected to have chronic health effects.

Reproductive effects The finished product is not expected to have chronic health effects.

Teratogenicity The finished product is not expected to have chronic health effects.

Name of Toxicologically Synergistic

Products Not available

12. Ecological Information

Ecotoxicity No data available for the product .

Ecotoxicity - Freshwater Fish - Acute Toxicity Data

Not available

Ecotoxicity - Water Flea - Acute Toxicity Data

Not available

Bioaccumulation/accumulation Not available

Mobility in environmental media Not available

Environmental effects Not available

Aquatic toxicity Not available

Partition coefficient Not available

Chemical fate information Not available

Other adverse effects Not available

13. Disposal Considerations

Disposal instructions Dispose of wipe in trash after use.

Throw used towelette in the trash. Do not re-use empty container. Rinse and dispose.

Recycle where facilities exist.

Dispose in accordance with all applicable regulations.

Waste from residues / unused

products Not available

Contaminated packaging Not available

14. Transport Information

U.S. Department of Transportation (DOT)

UN/ID N.o. Not applicable

U.S. Department of Transportation (DOT): Classification: Not regulated

Proper shipping name Not applicable

U.S. DOT Hazard Class Not applicable

Subsidiary Risk Not applicable

Packing group Not applicable

DOT RQ (lbs) Not applicable

ERG NO Not applicable

Transportation of Dangerous Goods (TDG - Canada): Classification: Not regulated

Proper shipping name Not applicable

Status Not applicable

Packing group Not applicable

IMDG (Marine Transport): Classification: Not regulated

Proper shipping name Not applicable

Class Not applicable

Subsidiary Risk Not applicable

Packing group Not applicable

IMDG Page	Not applicable
Marine pollutant	Not applicable
EMS	Not applicable
MFAG	Not applicable
Maximum Quantity	Not applicable
IATA/ICAO (Air): Classification:	Not regulated
Proper shipping name	Not applicable
Class	Not applicable
Subsidiary Risk:	Not applicable
Packing group	Not applicable
Maximum Quantity	Not applicable

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada - WHMIS - Ingredient Disclosure List

WHMIS classification Exempt

Inventory Status

Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	No
Canada	Domestic Substances List (DSL)	No

16. Other Information

Disclaimer

This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Issue date

13-Apr-2023

Effective Date

13-Apr-2023

Expiry Date

13-April-2026

Other Information

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document