

MATERIAL SAFETY DATA SHEET

ZEHN-X Sanitising Wipes

1. Product and Company identification

Product identifier: ZEHN-X Sanitising Wipes

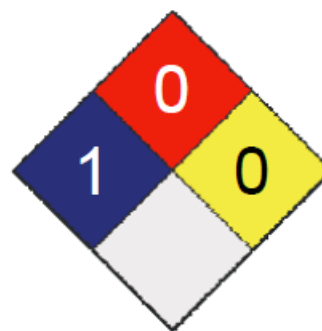
CAS#: Mixture

Product Use: Varies

Distributed by: Varies

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 anti-bacterial 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

Active Ingredients	CAS#	Percent
Alkyl Dimethyl Benzyl Ammonium Chloride(s)	68424-85-1	0.1-1.0

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: 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 material.

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

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	6.2 (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. Avoid 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:

Alkyl Dimethyl Benzyl Ammonium Chlorides:

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.

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

04-June-2020

Effective Date

04-June-2020

Expiry Date

03-June-2023

Other Information

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