

# SAFETY DATA SHEET

## ZEHN-X Sanitizing Wipes

### 1. Product and Company identification

Product identifier: ZEHN-X Sanitizing Wipes

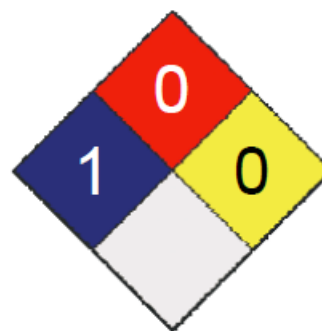
CAS#: Mixture

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  $> 93.3^{\circ}\text{C}$  ( $200^{\circ}\text{F}$ ) (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

<b>Appearance</b>	Liquid saturated on wipe
<b>Colour</b>	Clear liquid
<b>Form</b>	Pre-moistened towelette.
<b>Odour</b>	Various
<b>Odour threshold</b>	Not available
<b>Physical state</b>	Not available
<b>pH</b>	6.2 (liquid)
<b>Freezing point</b>	Not available
<b>Boiling point</b>	Not available

<b>Pour point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flash point</b>	> 93.33 °C (> 200 °F) (liquid) Tagliabue
<b>Auto-ignition temperature</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability Limits in Air, Upper, % by Volume</b>	Not available
<b>Vapour pressure</b>	Not available
<b>Vapour density</b>	Not available
<b>Specific gravity</b>	0.99 (liquid)
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H2O)</b>	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 SDS, please contact the supplier/manufacturer listed on the first page of the document