



# SAFETY DATA SHEET

## WestBond Industries Inc.

### Viroban Plus

#### 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

**Identification of Preparation:** Viroban Plus  
**Date of Safety Data Sheet:** June 10, 2020  
**Use of Preparation:** Disinfectant Wipes  
**Company Identification:** WestBond Industries Inc.  
7403 Progress Way, Unit 101  
Delta, BC  
V4G 1E7

**Company Emergency Telephone Number** Emergency Phone: 604-940-3939

**Transportation Emergency Telephone Number** CANUTEC 613-996-6666 or \* 666 for cell phone

#### 2. HAZARD IDENTIFICATION

##### Emergency Overview:

##### OSHA / WHMIS 2015 Hazards

**NOT REGULATED UNDER WHMIS 2015- Regulated as a disinfectant under Health Canada.**

##### Classification of substance or mixture

##### GHS-US/Canadian classification:

##### GHS Hazards

Serious Eye Damage/ Eye Irritation Category 2 B H320

##### Label Elements

##### GHS-US/ Canada Labeling

##### Hazard Pictograms (GHS):

None

##### Signal Word (GHS): Warning

##### Hazard Statements (GHS):

H320: Causes eye irritation.

##### Precautionary Statements (GHS):

P264: Wash skin thoroughly after handling.

##### Response Statements (GHS):

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists. Get medical advice/ attention.

P501: Dispose of contents / container in accordance with local regulations.



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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5	0.14	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion / Irritation Category 1 – H314 Serious Eye Damage / Eye Irritation Category 1 – H318
Alkyl (68% C12, 32% C14) dimethyl ethyl benzyl ammonium chloride.	85409-23-0 (Alternate CAS 68956-79-6)	0.14	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion / Irritation Category 1 – H314 Serious Eye Damage / Eye Irritation Category 1 – H318
Tetrasodium EDTA	64-02-8	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion/Irritant Category 2 – H315 Serious Eye Damage/Irritation Category 2A – H319

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms persist consult physician.
<b>Eye Contact:</b>	Remove contacts. Flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists, get medical attention.
<b>Skin Contact:</b>	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
<b>Ingestion:</b>	Wash out mouth with water. Get medical attention if symptoms occur.
<b>Notes to Physician:</b>	Treatment based on judgment of attending physician. If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

### 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam
<b>Unsuitable extinguishing media:</b>	None known.
<b>Special exposure hazards</b>	Thermal decomposition releases irritating gases.
<b>Special safety equipment:</b>	Self-contained positive pressure breathing apparatus and protective clothing.
<b>Fire and explosion</b>	Not flammable. Not an explosive hazard.
<b>Further information</b>	Keep containers and surrounding cool with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

**For Non-Emergency Personnel**



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**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

#### **Environmental Precautions**

Prevent entry to sewers and public waters.

#### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately with absorbent and dispose of waste safely.

#### **Reference to Other Sections**

See Heading 8. Exposure controls and personal protection.

## 7. HANDLING AND STORAGE

#### **Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

#### **Information about fire and explosion protection:**

Keep respiratory protective device available.

No special measures required.

#### **Conditions for safe storage, including any incompatibilities:**

**Storage:** Acids, Oxidizers, reducing agents.

#### **Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Avoid storage near extreme heat, ignition sources or open flame.

#### **Information about storage in one common storage facility:**

Do not store together with alkaline products or strong acids.

Store away from oxidizing agents.

Store away from foodstuffs.

#### **Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well-ventilated area.

Keep container tightly sealed.

**Specific end use(s)** No further relevant information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory protection:** Use local exhaust or dilution ventilation. If dust present use approved dust mask.

**Hand protection:** Chemical resistant gloves.

**Eye protection:** Safety goggles or full face shield.

**Skin protection:** Use body-covering impervious clothing.

**Working hygiene:** Take usual precautions when handling. Workers should wash hands before eating, drinking, or smoking.

**Exposure Guidelines:** No ingredients with exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES



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#### Physical and Chemical Properties

<b>Physical State</b>	Liquid	<b>Odour</b>	Low.
<b>Appearance</b>	Clear	<b>Odour Threshold</b>	No data available.
<b>Colour</b>	Lime green to yellow	<b>Remarks/Method</b>	
<b>Property</b>	<b>Values</b>		
<b>pH</b>	11.9	None known	
<b>Melting/Freezing Point</b>	No data available	None known	
<b>Boiling Point/Range</b>	No data available	None known	
<b>Flash Point</b>	>213.6 F >100.9 C	None known	
<b>Evaporation Rate</b>	Similar	None known	
<b>Flammability (solid, gas)</b>	Not flammable	None known	
<b>Flammability Limit in Air:</b>			
<b>Upper Limit</b>	No data available	None known	
<b>Lower Limit</b>	No data available	None known	
<b>Vapour Pressure</b>	No data available	None known	
<b>Vapour density</b>	No data available	None known	
<b>Specific Gravity</b>	No data available	None known	
<b>Water Solubility</b>	Soluble in water.	None known	
<b>Solubility Other Solvents</b>	No data available	None known	
<b>Partition Coefficient:</b>			
<b>n-octanol/water</b>	No data available	None known	
<b>Autoignition temperature</b>	No data available	None known	
<b>Decomposition Temperature</b>	No data available	None known	
<b>Kinematic Viscosity</b>	No data available	None known	
<b>Dynamic Viscosity</b>	No data available	None known	
<b>Explosive Properties</b>	No data available	None known	
<b>Oxidizing Properties</b>	No data available	None known	
<b><u>Other Properties:</u></b>			
<b>Softening Point</b>	No data available		
<b>VOC Content %</b>	No data available		
<b>Particle Size</b>	No data available		
<b>Particle Size Distribution</b>	No data available		

#### 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	None known.
<b>Chemical stability</b>	Stable under recommended handling and storage conditions (see section 7).
<b>Thermal decomposition/conditions to avoid:</b>	No decomposition if used and stored according to specifications.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid</b>	Extremely high or low temperatures.
<b>Hazardous decomposition products</b>	Carbon oxides (CO, CO <sub>2</sub> ). Sodium oxides.
<b>Materials to avoid</b>	Reducing agents, oxidizing agents, strong acids.



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Hazardous polymerization

Will not occur

#### 11. TOXICOLOGICAL INFORMATION

##### Information on toxicological effects

**Acute toxicity:** Harmful if swallowed.

##### LD/LC50 values relevant for classification:

Calculated LD 50 Oral Rat > 2,000 mg/Kg

**On the skin:** Causes mild skin irritation.

**On the eye:** Causes eye irritation.

**Ingestion:** Expected to be low ingestion hazard.

##### Inhalation:

**Sensitization:** No known effects.

##### Additional toxicological information:

**Carcinogenicity:**

**Chemical Name** None

**Reproductive toxicity:** No known effects.

**Aspiration toxicity:** No known effects.

#### 12. ECOLOGICAL INFORMATION

**Toxicity:** Not classified

**Persistence and Degradability:** Not available

**Bioaccumulative Potential:** Not available

**Mobility in Soil:** Not available.

**Other Adverse Effects**

**Other Information:** All of the organic components of this product are readily biodegradable.

#### 13. DISPOSAL

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

#### 14. TRANSPORTATION INFORMATION

**Canadian T.D.G.:** Not Regulated Material

**US DOT:** Not Regulated material

**Water Transportation (IMDG):** Not Regulated Material

**Air Transportation (IATA):** Not Regulated Material

#### 15. REGULATORY INFORMATION

##### Occupational Health & Safety Regulations:

**WHMIS 1988 Classification:** Not regulated.

Health Canada DIN regulated.

**OSHA & WHMIS:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).



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#### International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	-
AICS	Complies

#### Legend:

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

#### U.S. State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.

##### HMIS III Rating

Health: 1 Hazard

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: C

SDS US (GHS HazCom 2012 and WHMIS 2015)

#### 16. OTHER INFORMATION

**Prepared By:** Lizmar  
551 Catchmore Road  
Campbellford, Ontario  
K0L 1L0

**Issuing Date:** June 10, 2020.

#### **Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.



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Final determination of the 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.

**End of Safety Data Sheet**