



Specifically formulated for

## AGRICULTURE & LIVESTOCK

Disinfectant | Sanitizer | Bactericide | Broad Spectrum Virucide

**CRITICAL DISINFECTION:** Use EnviroNize HORTISAN™ as the primary disinfectant in all biosecurity protocols and to disinfect key areas such as barns, sheds, greenhouses, pens, vehicles, processing equipment, equipment and machinery, and other hard non-porous surfaces. This product can be used for poultry, swine, animal care facilities, livestock and veterinary uses.

## PURE HYPOCHLOROUS



pH | PPM OPTIMIZED  
DIN 02527642

**KILLS 99.999%**  
✓ Bacteria ✓ Viruses ✓ Germs

**DEODORIZER**      **FRAGRANCE FREE**

### EFFECTIVE AGAINST

- Human Coronavirus
- Human Adenovirus type 5
- Staphylococcus aureus
- Pseudomonas aeruginosa
- Enveloped and Non-Enveloped viruses
- Other Bacteria

# APPROVED INPUTS



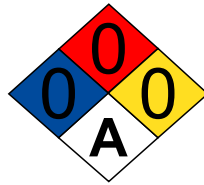
# HORTISAN™

Approved Disinfectant Input for use in organics in the production of crops, livestock, or processed products.

## Sustainable Disinfectant

EnviroNize HORTISAN™ brand of HOCL (Hypochlorous Acid) is uniquely organic, sustainable, single ingredient, safe, effective, an environmentally alternative disinfectant and Made in Canada!

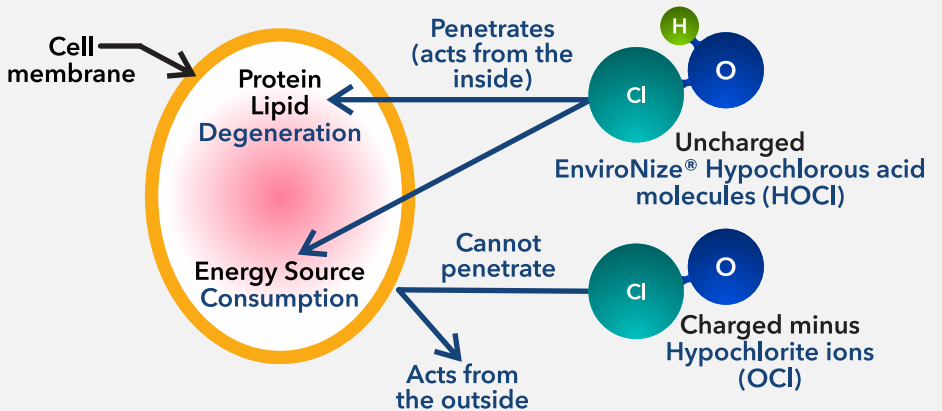
- Non-WHMIS regulated
- Non-Hazardous
- Zero Surface Contact Residue



Health	0 - None
Flammability	0 - None
Physical	0 - None
Personal Protection	A - Splash Goggles

## Powerful Disinfectant

EnviroNize® HORTISAN™ (Hypochlorous Acid) can penetrate pathogenic microorganism cell walls very easily, making it a very effective disinfectant.



## RTU (Ready to Use) Disinfectant

EnviroNize HORTISAN™ is an Agricultural Disinfectant/Sanitizer, Bactericide and a Broad Spectrum Virucide. EnviroNize HORTISAN™ is effective against, but not limited to, Human Coronavirus, Human Adenovirus type 5, Staphylococcus aureus, Pseudomonas aeruginosa and enveloped and non-enveloped viruses.

EnviroNize HORTISAN™ is to be used as the primary disinfectant for hard, nonporous, in growing and livestock environments including, but not limited to barns, sheds, greenhouses, pens, vehicles, processing equipment and machinery, and other hard non-porous surfaces. This product can be used for poultry, swine, animal care facilities, livestock, and veterinary uses.

EnviroNize HORTISAN™ can be used in animal housing areas (e.g., floors, walls, cages, and animal equipment) within industrial/institutional and barn premises (e.g., farms, poultry plants, veterinary clinics, and kennels).

EnviroNize HORTISAN™ is for use on hard non-porous, non-food contact inanimate surfaces. EnviroNize HORTISAN™ predominant antimicrobial agent is hypochlorous acid, an efficient and efficacious species of chlorine. Hypochlorous acid kills bacteria and viruses. EnviroNize HORTISAN™ is an oxidized pH neutral water-based solution that is Ready to Use (RTU).



# What Makes it the Best Disinfectant Choice?

EnviroNize™ **HORTISAN™** DIN 02527642  
Re-Imagining Clean

- **IS A CONCENTRATED ELECTRO-CHEMICALLY ACTIVATED SOLUTION** rich in oxygen, in which pathogens cannot survive.
- **IS A POWERFUL ANTIMICROBIAL SOLUTION** that is both biodegradable and non-accumulative. The key active ingredient, hypochlorous acid, is a naturally occurring molecule synthesized from an electrolyzed solution of salt and water.
- **IS NON-WHIMS REGULATED** at pH Neutral
- **CAN PENETRATE PATHOGENIC MICROORGANISM CELL WALLS**
- **IS HIGH IN ORP SOLUTION** (ORP above +900mV)
- **ATTACKS AN ARRAY OF MICROBIAL ORGANISMS**, a process that is chemically selective with no toxic or mutagenic side effects for higher forms of life.
- **IS SAFE WHEN USED AROUND PLANTS, ANIMALS, MARINE OR HUMANS**
- **IS AN ENVIRONMENTALLY CONSCIOUS AND SUSTAINABLE SOLUTION**



**PROACTIVE PREVENTION  
OF PATHOGENS™**

## BI security

**Benefits of HOCL  
for Agriculture**

- ✓ Eco-Friendly
- ✓ Non-Toxic
- ✓ Hypoallergenic
- ✓ Non-flammable



## Powerful & Sustainable HOCL Technology

**Food Engineering Technology for Food Safety**



**Emerging "Green" Process: Electrolyzed Water (Super Water) to Remove Pathogenic Bacteria, Pesticide Residue, Mycotoxins, Fungal Mold from Raw Material Surfaces for Food Safety Applications**

John Shi, Ph.D.  
Research Scientist

**SOURCE:**  
<https://profil-profiles.science.gc.ca/en/profile/john-shi-phd?page=1&>

... innovative eco-friendly "green" process of electrolyzed water for decontamination of pathogen, mycotoxins and pesticide residue from food material surfaces



Agriculture and  
Agri-Food Canada

Agriculture et  
Agroalimentaire Canada

# EnviroNize® HORTISAN™ Accessories

## DEPLOY WITH THE FOLLOWING DEVICES:

- EnviroNizer Airless Pump Sprayer
- EnviroNize ULV
- EnviroNizer Cordless
- EnviroNize Ultra Max
- EnviroNize Vapore

- Trigger-based dispensing technology
- Continuous spray
- Re-useable head and convenient refill with EnviroNize® HORTISAN™
- Disperse | Refill | Re-use



**ITEM # EHTS5007**  
EnviroNizer™ HORTISAN™  
185 ml Airless Pump Sprayer

## ECONOMICAL

Refill & re-use from a larger EnviroNize® HORTISAN™ container



## Micro Fibre Towels

- Prevents cross contamination
- Separates cleaning & disinfection



**ITEM # ENVFT-A**  
Anolyte

**ITEM # ENVFT-C**  
Catholyte



**ITEM # ENVSPIGOT**  
3/4" Natural Pour Spigot

## ITEM # ENV3SHELF

Store & dispense bulk quantities of EnviroNize® solutions



# EnviroNize® HORTISAN™ Solutions

ITEM	DESCRIPTION	CASE WEIGHT	UPC CODE	PACK SIZE	CASES FOR PALLET
EHTS5007	185 ml   6.25 oz Hortisan Disinfectant w/EnviroNizer Airless Pump Sprayer	4.15 lbs   1.88 kg	625570900767	6	77 (7-11)
EHTS5002	1000 ml   35.20 oz Hortisan Disinfectant	16.0 lbs   7.26 kg	625570900293	6	154 (7-22)
EHTS5002-TS	1000 ml   35.20 oz Hortisan Disinfectant w/Trigger Sprayer	16.0 lbs   7.26 kg	625570900705	6	154 (7-22)
EHTS5003	3785 ml   128 oz Hortisan Disinfectant	36.2 lbs   16.42 kg	625570900828	4	72 (6-12)
EHTS5004	20 L Hortisan Disinfectant	47.0 lbs   19.62 kg	625570900309	1	48 (4-12)
EHTS5005	208 L Hortisan Disinfectant	449.90 lbs   204.47 kg	625570900286	1	4
EHTS5006	1000 L Hortisan Disinfectant	2163.0 lbs   981.12 kg	625570900279	1	1



Made in Canada, Manufactured under License from PJ Holdings Corp.  
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