

SAFETY DATA SHEET

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Product Identifier: EnviraSolution
 Electro-Chemically Activated solution of sodium chloride
 (0.9% or less)

Other Means of Identification: DIN #: 02515075

EPA Establishment #: 087148-CAN-001

Chemical Family: Diluted Mixture of Oxychlorine Compounds

CAS #: None (Mixture)

Recommended Use: Antimicrobial agent

Restrictions on Use: Not available

Manufacturer: Plains ECA Solutions Inc. General Delivery, Decker, Manitoba ROM OKO

Master Distributor: Safeworx Products 2318575 Ontario Inc.
 366-200 North Service Road West, Oakville, ON L6L 2Y2

Telephone Number: 1.833.999.3662

2. HAZARD IDENTIFICATION:

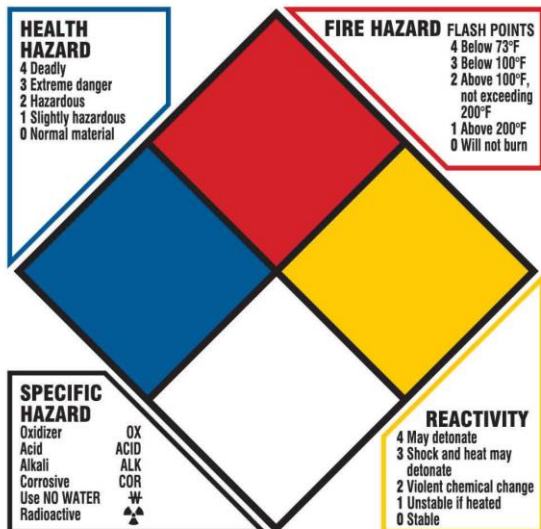
Hazard Classification: NONE **ACUTE:** Exposure to this product is not expected to cause any adverse health effects

2.1 Dangerous Components of the Product Toxicity:

2.1.1. Identification: none

2.1.2. Danger symbol: none

2.1.3. Toxicity: none determined



Hazards:

Health Hazard: 0

Fire Hazard: 0

Specific Hazard: 0

Reactivity: 0

Label elements:

Signal word: none

Hazard statement(s): none

Precautionary statement(s): Exposure to this product is not expected to cause any adverse health effects

Hazards Not Otherwise Classified: Not available

Percentage of Ingredients with Unknown Toxicity: Not available

3. COMPOSITION/INFORMATION ON INGREDIENTS :

99.500% Water, 0.450% sodium chloride,

0.004% other 0.046% oxidizer as hypochlorous acid/sodium hypochlorite

4. First-aid measures:

Call a poison control centre or doctor for treatment advise. Have the product container or label and/or Drug Identification Number (DIN) with you when calling a poison control centre or doctor or going for treatment. If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after first 5 minutes, then continue rinsing eye.

Skin contact: Where irritation appears, wash area with water.
Most important symptoms and effects (acute or delayed).
Immediate medical attention and special treatment, if necessary.

5. FIRE-FIGHTING MEASURES:

Not flammable or explosive as product consists of 99.50% water. In a fire, cool containers to prevent release of free chlorine.

Suitable and unsuitable extinguishing media: Not available

Hazardous combustion products: Not available

Special protective equipment and precautions for fire-fighters: Not available

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions, protective equipment, and emergency procedures: Not available

Methods and materials for containment and cleaning up: Not available

Spills, Leaks, Effluent Handling Procedures: EnviraSolution is <0.9% sodium chloride (salt) and less than 0.05% available chlorine. Some localities allow this to be sent to open storm sewers, **however local environmental regulatory requirements should be followed.** If desired, spills can be washed to sewer with plenty of water or neutralized by sodium sulfite or sodium thiosulfate.

7. HANDLING AND STORAGE: Store in a cool dry location

Precautions for safe handling: Not available

Conditions for safe storage including incompatible materials: Not available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

No personal protective equipment is required under normal conditions.

The following suggestions should be considered in case of accidental chlorine release due to acidification.

Ventilation: Open air or good room ventilation is normally adequate for the safe use of the product. Avoid breathing any vapours or fumes resulting from acidification ventilation.

Respiratory Protection: In accordance with OSHA regulations (29 CFR 1910.134 and 29 CFR 1910.1000) fogging or spraying applications may require worker respiratory protection, such as: (1) NIOSH/MSHA approved air-purifying - respirators, or (2) NIOSH/MSHA approved canister/cartridge facial respirators approved for chlorine/acid vapours.

Eye Protection: Although EnviraSolution is a decontaminant designed not to irritate eyes or skin, good manufacturing/laboratory practice recommends use of chemical safety goggles for all applications involving chemical handling.

Protective Clothing: Although EnviraSolution is a decontaminant designed not to irritate eyes or skin, good manufacturing/laboratory practice recommends that, at a minimum, rubber, neoprene, or other chemically impervious gloves be worn for all applications involving chemical handling.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical state: Liquid Appearance/No Colour

Odour: Colourless with Chlorine-Like Odour

Boiling point: 100°C Melting point//Freezing point

Range: Comparable to Water Specific gravity: 1.02 – 1.06 g/ml

Evaporation rate: Comparable to Water Solubility in water: Complete pH: 6.3 – 6.7 Viscosity: (21c) Average: 0.9846mm²/s (cSt) Viscosity: (41c) Average: 0.6346mm²/s (cSt)

Flash point: None

Odour threshold: Not available

Flammability (solid; gas): None

Lower flammable/explosive limit & Upper flammable/explosive limit: Not available

Vapour pressure: Not available

Vapour density: Not available

Partition coefficient: n-octanol/water: Not available

Auto-ignition temperature: None

Decomposition temperature: Not available

10. Stability and reactivity

Reactivity: None

Chemical Stability: Loses its level of available chlorine at high temperature and under direct sunlight.

Possibility of hazardous reactions: Not available

Conditions to Avoid: Avoid accidental or uncontrolled contact of anolyte solution with acids and hydrogen peroxide.

Incompatible materials: Acids and hydrogen peroxide

Hazardous decomposition products: Not available

11. TOXICOLOGICAL INFORMATION:

Likely routes of exposure: Inhalation, ingestion, skin and eye contact.

Symptoms related to the physical, chemical and toxicological characteristics: Not available.

Delayed and immediate effects, and chronic effects from short-term and long-term exposure: Under *normal use conditions the likelihood of any adverse health effect is low.*

Acute Toxicity Estimates: LD50 of product: undetermined LC50 of product: undetermined

12. ECOLOGICAL INFORMATION: Not available.

13. DISPOSAL CONSIDERATIONS: Triple rinse container then offer for recycling, refilling or reconditioning. Empty container may be reused, place in trash or offer for recycling if available. Do not contaminate water, food or feed by storage or disposal. For information on disposal or unused, unwanted product, contact the manufacturer or the appropriate municipal/provincial/territorial agency.

14. TRANSPORTATION INFORMATION: Not available

15. REGULATORY INFORMATION:

EPA Establishment # 087148-CAN-001 DIN: 02515075

Other Information Date of Preparation: Re-formatted April 20, 2021

EnviraSolution was developed to be a less hazardous antimicrobial agent than many of those agents now in use.

DISCLAIMER: This information is based on our current knowledge and is intended to describe the product for the purposes of health and safety requirements only. It should not, therefore, in itself be construed as a guarantee of any specific quality relating to the product.