

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY IDENTIFICATION**

Material Name: Electrolytically Generated Hypochlorous Acid

Company: EcoloxTech

Material Use: General Sanitation

Address: 102 NW 22 Ave, Miami, FL 33125, USA  
Contact: 1-954-900-6070**SECTION 2: HAZARDS IDENTIFICATION**

Adverse Human Effects and Symptoms: None of the ingredients are classified as Hazardous in the amounts present in the product. Under normal conditions of use the likelihood of any adverse health effects is minimal.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Active Ingredients	Approximate Concentration w/v%	CAS #	EINECS #
Sodium Chloride (NaCl)	<0.125	7647-14-5	251-598-3
Hypochlorous Acid (HOCl)	≤0.025	7790-92-3	232-232-5
Water (H <sub>2</sub> O) balance to	100	7732-18-5	231-791-2

**SECTION 4: FIRST AID MEASURES**

Inhalation: - None required. If discomfort develops, remove from further exposure. Obtain medical attention, if any effects occur.

Skin Contact: - None required. If irritation develops, flush with plenty of water and obtain medical attention.

Eye Contact: - None required. If discomfort develops, flush eyes with plenty of water. Obtain medical attention, if irritation develops.

Ingestion: - None required. If discomfort develops, drink 2 glasses of water. Obtain medical attention, if feeling unwell.

**SECTION 5: FIRE FIGHTING MEASURES**Flammability: -  Yes  No If yes, under which conditions:

Means of Extinction: - Non-flammable

Protective Equipment for Firefighters: - As in any fire, respiratory and eye protection required.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal &amp; Environmental Precautions: - None

Spillages: - Clean up spilled liquid. Mop up or absorb with inert material (cloth, paper towel, etc.). Cleaning materials may be disposed of as normal refuse. Recommended to finish cleaning with water.

**SECTION 7: HANDLING AND STORAGE**

Handling Precautions: - None

Storage Requirements: - Store in cool area away from UV or direct sunlight. Keep container tightly closed when not in use.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

Personal Protection: - Maintain general industrial hygiene practices when using this product. Use chemical apron if desired. May discolor dark clothing.

Respiratory: - Adequate ventilation. Personal respiratory protection is not required. Do not breathe vapor.

Eye Protection: - Not required for normal use. Use safety glasses, if desired.

Skin Protection: - Not required for normal use. Use latex or vinyl gloves, if desired.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	- Clear, colorless liquid.	Density	- 1.01 g/ml at 20°C
Odor	- Slight chlorine odor	pH	- 3.5 - 7.5
Solubility in Water	- Soluble	Boiling Point	- 212°F 100°C (decomposes)

**SECTION 10: STABILITY AND REACTIVITY**Chemical Stability: -  Yes  No Losses its level of Hypochlorous Acid at high temperatures and direct UV light. Product label contains shelf life information.

Conditions and Materials to Avoid: - Heat and UV light

Hazardous Decomposition Products: - Elemental Chlorine (Cl<sub>2</sub>) as a result of reaction with acids.

Incompatible Materials: - Avoid contact with acids, heavy metals, reducing agents, ammonia, ether, hydrogen peroxide.

**SECTION 11: TOXICOLOGICAL INFORMATION**Route of Entry:  Skin Contact  Skin Absorption  Eye Contact  Inhalation Acute  Inhalation Chronic  Ingestion

Effects and Symptoms of Short-Term Exposure: - No reported adverse effects

Chronic Effects and Symptoms of Long-Term Exposure: - No reported adverse effects. Has not been found to be a carcinogen nor produce genetic, reproductive, or development effects.

Sensitization: - Non-sensitizing

Irritancy of Product: - Non-irritating

**SECTION 12: ECOLOGICAL INFORMATION**

No ecological effects are to be expected

**SECTION 13: DISPOSAL CONSIDERATIONS**

Method of Waste Disposal: - This product, in its present state, is not classified as hazardous waste (Federal regulations. 40CFR 261.4 (b)(4)).

Waste from residues / unused products: - Can be landfilled, when in compliance with local regulations.

Contaminated containers: - Empty containers should be taken to an approved waste handling site for recycling or disposal.

**SECTION 14: TRANSPORT INFORMATION**

Product Label:	EcoloxTech	D.O.T.:	Not Regulated as Dangerous Goods	IATA:	Not Regulated as Dangerous Goods
D.O.T. Shipping Name:	Hypochlorous Acid	IMDG:	Not Regulated as Dangerous Goods	Package class:	70, PG III

Technical Shipping Name: - A safe and effective dermal cleansing solution

**SECTION 15: REGULATORY INFORMATION**

EPA –SARA TTITLE III/CERCLA: This product contains no chemicals reportable under Section 313 and contains chemicals regulated under Section 304/CERCLA.

TSCA: All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

TSCA 12(b): This product is not subject to TSCA 12(b) reporting requirements.

**SECTION 16: OTHER INFORMATION**

MANUFACTURER DISCLAIMER: The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.