

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

**Material Name:** Electrolytically Generated Hypochlorous Acid      **Company:** EWCO  
**Material Use:** Sanitation of Food and Food Contact Surfaces      **Address:** 6187 NW 167 St Ste H26, Miami Gardens, FL 33015  
**Contact:** 1-754-800-4020

**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)	<0.05	7647-14-5	251-598-3
Hypochlorous Acid (HOCl)	≤0.006	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 & 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** – 5-8  
**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**

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

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

**SECTION 15: REGULATORY INFORMATION**

EPA –SARA TITLE 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.