Revision 02	**Safety Data Sheet - EWCO**	Revision Date: March 1, 2021

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY IDENTIFICATION

Material Name: Electrolytically Generated Hypochlorous Acid

Material Use: Water Disinfection

Company: EWCO
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)	<0.0033	7647-14-5	251-598-3
Hypochlorous Acid (HOCl)	≤0.0004	7790-92-3	232-232-5
Water (H_2O) 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 dispose 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.
Odor – Slight chlorine odor
Solubility in Water – Soluble
Density – 1.01 g/ml at 20˚C
pH – 5-8
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_2) 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:	EWCO	**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.