

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY IDENTIFICATION****Material Name:** Electrolytically Generated Hypochlorous Acid**Company:** EcoloxTech Inc.**Material Use:** General Sanitation**Address:** West Palm Beach, 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)	<0.33	7647-14-5	251-598-3
Hypochlorous Acid (HOCl)	≤0.04	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.**Odor** – Slight chlorine odor**Solubility in Water** – Soluble**Density** – 1.01 g/ml at 20°C**pH** – 3.5-7.5**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:** Alchemist Systems **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 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.