

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY IDENTIFICATION					
Material Name:		Electrolytically Generated Hypochlorous Acid		Company: EcoloxTech	
Material Use:		Sanitation of Food and Food Contact Surfaces		Address: West Palm Beach, FL 33413, 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 #	
Sodium Chloride (NaCl)		<0.05		7647-14-5	
Hypochlorous Acid (HOCl)		≤0.006		7790-92-3	
Water (H ₂ O) balance to		100		7732-18-5	
				EINECS #	
				251-598-3	
				232-232-5	
				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.		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 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:		Alchemist Systems		D.O.T: Not Regulated as Dangerous Goods	
D.O.T. Shipping Name:		Hypochlorous Acid		IATA: Not Regulated as Dangerous Goods	
		IMDG:		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.					