| Revision 01 | Safety Data Sheet - Ed | coloxTech | Revision Date: March 1, 2018 | | | | | | |
|--|---|--|--|--|--|--|--|--|--|
| SECTION 1: IDENTIFICATION OF TH | E SUBSTANCE AND COMPANY IDENTIF | ICATION | | | | | | | |
| Material Name: Electrolytically Gen | erated Hypochlorous Acid | Company: EcoloxTech | | | | | | | |
| Material Use: Sanitation of Food | and Food Contact Surfaces | Address: West Palm B Contact: 1-954-900-60 | each, FL 33413, USA 170 | | | | | | |
| SECTION 2: HAZARDS IDENTIFICAT | ION | , | | | | | | | |
| 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/INFORM | ATION ON INGREDIENTS | | | | | | | | |
| Active Ingredients | Approximate Concentration w/v% | CAS# | EINECS # | | | | | | |
| Sodium Chloride (NaCl) | <0.05 | 7647-14-5 | 251-598-3 | | | | | | |
| Hypochlorous Acid (HOCI) | ≤0.006 | 7790-92-3 | 232-232-5 | | | | | | |
| Water (H ₂ 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 discomfort 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. | | | | | | | | | |
| | iscomfort develops, flush eyes with pierity to iscomfort develops, drink 2 glasses of wate | | | | | | | | |
| SECTION 5: FIRE FIGHTING MEASU | | or. Obtain medical attention, il reeling t | unwen. | | | | | | |
| Flammability | | ar which conditions: | | | | | | | |
| Flammability − □ Yes ☒ No If yes, under which conditions: Means of Extinction − Non-flammable | | | | | | | | | |
| Protective Equipment for Firefighters | | e protection required. | | | | | | | |
| SECTION 6: ACCIDENTAL RELEASE | | , protection required. | | | | | | | |
| Personal & Environmental Precaution | | | | | | | | | |
| Spillages | Clean up spilled liquid. Mop up or | r absorb with inert material (cloth, pape Recommended to finish cleaning with v | er towel, etc.). Cleaning materials may water. | | | | | | |
| SECTION 7: HANDLING AND STORA | GE | | | | | | | | |
| 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. | | | | | | | | | |
| | ired for normal use. Use safety glasses, if | | | | | | | | |
| Skin Protection – Not required for normal use. Use latex or vinyl gloves, if desired. | | | | | | | | | |
| SECTION 9: PHYSICAL AND CHEMIC | | , | | | | | | | |
| ••• | olorless liquid. | - | g/ml at 20°C | | | | | | |
| | olorine odor | pH – 5-8 | | | | | | | |
| Solubility in Water – Soluble | | Boiling Point – 212° | F 100°C (decomposes) | | | | | | |
| SECTION 10: STABILITY AND REAC | | | | | | | | | |
| Chemical Stability | informati | ts level of Hypochlorous Acid at high temperatures ion. | and direct UV light. Product label contains shelf life | | | | | | |
| 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 | • | als, reducing agents, ammonia, ether, | hydrogen peroxide. | | | | | | |
| SECTION 11: TOXICOLOGICAL INFO | - | | | | | | | | |
| Route of Entry: Skin Contact | | | Inhalation Chronic | | | | | | |
| Effects and Symptoms of Short-Term Exposure Chronic Effects and Symptoms of Long-Term Exposure Sensitization On reported adverse effects No reported adverse effects. Has not been found to be a carcinogen nor produce genetic, reproductive, or development effects. Non-sensitizing | | | | | | | | | |
| Irritancy of Product | – Non-irritating | , | | | | | | | |
| SECTION 12: ECOLOGICAL INFORMATION | | | | | | | | | |
| No ecological effects are to be expected | | | | | | | | | |
| SECTION 13: DISPOSAL CONSIDER | | | | | | | | | |
| Method of Waste Disposal Waste from residues / unused products | This product, in its present state, is not Can be landfilled, when in compliance | t classified as hazardous waste (Federal req with local regulations. | gulations. 40CFR 261.4 (b)(4)). | | | | | | |

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

SECTION 14: TRANSPORT INFORMATION

SECTION 15: REGULATORY 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

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.