

**Safety Data Sheet - BioCloud Solutions**

Revision: 01  
Revision Date: April 26, 2020

**SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Identifier:</b> Electrolytically Generated Hypochlorous Acid	<b>Company:</b> BioCloud Solutions
<b>Product Use:</b> General Sanitation	<b>Address:</b> 205 E. Alma Ave. Unit G15, San Jose CA 95112
<b>Date SDS Prepared:</b> 04/26/2020	<b>Phone:</b> (800) 716-7196

[WHMIS Classification]: 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 2: COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients (specific)	W/V %	CAS Number	EINECS Number
Sodium Chloride (NaCl)	< 0.33	7647-14-5	251-598-3
Hypochlorous Acid (HOCl)	≤ 0.04	7790-92-3	232-232-5
Water (H2O) balance to	100	7732-18-5	231-791-2

**SECTION 3: 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 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**

<b>Flammable:</b> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>	<b>Means of Extinction:</b> Non- Flammable	<b>Protective Equipment for Firefighters:</b> As in any fire, respiratory and eye protection required.
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**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 maybe 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**

<b>Physical State:</b> Liquid	<b>pH:</b> 5-8
<b>Odor and Appearance:</b> Clear, Colorless, Slight Chlorine Odor	<b>Boiling Point:</b> 212 °F , 100 °C
<b>Solubility in Water:</b> Soluble	<b>Density:</b> 1.01 g/ml @ 20 °C

**SECTION 10: STABILITY AND REACTIVITY**

**Chemical Stability:**  YES  NO Loses 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 (Cl2) 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> BioCloud Solutions	<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	

**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: MANUFACTURER DISCLAIMER**

This Safety Data Sheet was prepared based on our best of knowledge on the date of its preparation. While this document provides information regarding the appropriate safety measures, it is not to be interpreted as a guarantee of the properties of the product. Consumers need to know that all chemicals must be used with caution since they may pose unknown hazards and risks if not properly used or combined with other materials in which case may pose risks not mentioned in this SDS. Therefore, users shall develop their own safety measures and proper handling methods based on actual field conditions. While technical Data in This SDS is deemed to be reliable, BioCloud Solutions assumes no responsibility for the completeness or accuracy of information provided herein.