

## SAFETY DATA SHEET

Date Issued : 12/07/2022  
SDS No. : E-Z Clor Salt Cell Cleaner

## E-Z Clor Salt Cell Cleaner

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** E-Z Clor Salt Cell Cleaner

**DISTRIBUTOR**

Alliance Trading, Inc.  
109 North Park Blvd., 4th Floor  
Covington, LA 70433

**24 HR. EMERGENCY TELEPHONE NUMBERS**

Chem-Tel 24-Hour Emergency # (800) 255-3924

## 2. HAZARDS IDENTIFICATION

**GHS LABEL**

Corrosion



Health hazard

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS**

H314: Causes severe skin burns and eye damage.

H371: May cause damage to organs (or state all organs affected, if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

**PRECAUTIONARY STATEMENT(S)****Prevention:**

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash ... thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P309+P311: IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

P310: Immediately call a POISON CENTER/doctor/...

P321: Specific treatment (see ... on this label).

P363: Wash contaminated clothing before reuse.

P405: Store locked up.

P501: Dispose of contents/container to ...

**EMERGENCY OVERVIEW**

**IMMEDIATE CONCERNS:** DANGER. Corrosive. Causes severe burns to skin, eyes and digestive tract. Harmful or fatal if swallowed or inhaled.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Corrosive to the eyes and may cause severe damage including blindness.

**SKIN:** Corrosive. May cause skin burns and permanent skin damage.

**INGESTION:** Swallowing may be harmful or cause death. Harmful effects include burns and permanent damage to the digestive tract, including the mouth, throat, stomach and intestines. Symptoms may include severe abdominal pain and vomiting of blood. Blood loss through damaged tissue may lead to low blood pressure and shock.

**INHALATION:** Breathing of vapor or mists is harmful and may cause death. Harmful effects include burns and permanent damage to the airways, including the nose, throat and lungs.

**MEDICAL CONDITIONS AGGRAVATED:** Pre-existing disorders of the following organs or systems, which may be aggravated by exposure to this material include; respiratory system (including asthma and other breathing disorders), gastrointestinal system, skin.

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**COMMENTS HEALTH:** Depending upon level and duration of exposure, other possible signs and symptoms from breathing, swallowing, and/or entry of this material through the skin may include: Irritation of the nose, throat, airways, and lungs with cough and difficulty breathing, severe stomach or intestinal upset with pain, nausea, vomiting, and/or diarrhea, excess fluid in the lungs with difficulty breathing and shock.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Hydrochloric Acid (Skin Corr. 1B, H314; Met. Corr. 1, H290; STOT SE 3, H335)	31 - 37	7647-01-0

**COMMENTS:** IDHL (Immediately Dangerous to Life or Health): 50 ppm  
Odor Threshold: 0.3 ppm

### 4. FIRST AID MEASURES

**EYES:** Holding eyelids apart, flush with plenty of water for at least 15 minutes. Get medical attention immediately.

**SKIN:** Immediately wash skin with plenty of soap and water for 15 minutes while removing contaminated clothing and shoes. Get immediate medical attention. Launder clothing before re-use and discard shoes that cannot be thoroughly cleaned.

**INGESTION:** Do not induce vomiting. Immediately give a glass of water to drink, if able to swallow. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**CHRONIC EFFECTS:** Effects following repeated exposure include respiratory tract damage (nose, throat, airways), lung damage, dental erosion, gastrointestinal effects, and skin effects.

**NOTES TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use dry chemical or carbon dioxide.

**EXPLOSION HAZARDS:** May ignite other combustible material. Violent reaction with water. Flammable, poisonous gases may accumulate in tanks and hopper cars.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear self-contained breathing apparatus (SCBA) in positive pressure mode, if possible, and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None.

### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Spills should be handled immediately by neutralization and dilution of the spilled product by the use of soda ash (sodium carbonate), lime (calcium hydroxide) or limestone (calcium carbonate) with large amounts of water. If spill occurs indoors, turn off heating and/or air conditioning systems to prevent vapors from contaminating entire building. Neutralization products, both liquid and solid, must be recovered for proper disposal.

### 7. HANDLING AND STORAGE

**HANDLING:** Do not get on skin or in eyes. Avoid breathing vapors and mists. Do not taste or swallow. Do not eat, drink, or smoke in work area. Wash thoroughly after handling. Any protective clothing or shoes that become contaminated with hydrochloric acid should be removed immediately and laundered before wearing again. Follow protective controls in Section 8 when handling this product.

**STORAGE:** Store in properly-labeled, rubber-lined steel, acid-resistant plastic or glass containers. Do not store near strong alkalis or reactive materials. Do not remove or deface label or tag. Hydrogen chloride can react with cyanide, forming lethal concentrations of hydrocyanic acid.

**COMMENTS:** Aluminum equipment should not be used for storage and/or transport.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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## EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)			
Chemical Name	EXPOSURE LIMITS		
	Type	ppm	mg/m <sup>3</sup>
Hydrochloric Acid (Skin Corr. 1B, H314; Met. Corr. 1, H290; STOT SE 3, H335)	OSHA PEL	TWA	7 mg/m <sup>3</sup>
		STEL	ppm <sup>[1]</sup>
	ACGIH TLV	STEL	2 ppm <sup>[2]</sup>
	Supplier OEL	TWA	NL
STEL		NL	NL

**Footnotes:**  
1. Ceiling  
2. Ceiling (based on irritation and corrosion effects)

**ENGINEERING CONTROLS:** Ventilate as necessary to maintain air concentration below 2 ppm, at all times

## PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear splash-proof chemical goggles. A face shield should be worn when splashing or spraying is a possibility.

**SKIN:** Acid-proof gloves.

**RESPIRATORY:** When exposure reaches above 2 ppm, a NIOSH-approved full face respirator with acid gas canister is acceptable. When exposure reaches above 50 ppm, a NIOSH approved self-contained breathing apparatus with face piece is required.

**PROTECTIVE CLOTHING:** Acid-proof clothing and shoes.

**WORK HYGIENIC PRACTICES:** Provide safety shower and eyewash station in the work area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** Sharp, pungent, irritating.

**APPEARANCE:** Clear, colorless liquid.

**pH:** -0.1

**FLASHPOINT AND METHOD:** Not combustible.

**LOWER EXPLOSION LIMIT:** 0

**UPPER EXPLOSION LIMIT:** 0

**VAPOR PRESSURE:** 78 mm Hg 20 deg C

**VAPOR DENSITY:** 1.27

**BOILING POINT:** 54.5°C (150°F) to 110°C (230°F)

**SOLUBILITY IN WATER:** Complete.

**EVAPORATION RATE:** < 1

**SPECIFIC GRAVITY:** 1 to 1.4

**(VOC):** 35

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Contact with strong bases can cause a violent reaction generating large amounts of heat. Reactions with metals can release flammable hydrogen gas.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**INCOMPATIBLE MATERIALS:** Bases, metals, mercuric sulfate, perchloric acid, carbides of calcium, cesium rubidium, acetylides of cesium and

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rubidium, phosphides of calcium and uranium and lithium silicide.

## 11. TOXICOLOGICAL INFORMATION

## ACUTE TOXICITY

ORAL LD<sub>50</sub>: 900 mg/kg (rabbit)

INHALATION LC<sub>50</sub>: 3124 ppm (rat) for 1 hr.

Notes: 1108 ppm (mouse) for 1 hr.

NOTES: Hydrogen chloride gas, mist and vapor may cause irritation of respiratory tract with burning, choking, coughing, headaches and rapid heartbeat. Levels of 10 to 35 ppm may cause irritation of throat. 50-100 ppm is nearly unbearable for 1 hour. Inflammation, destruction of the nasal passages and breathing difficulties may occur with higher concentrations and may be delayed in onset.

## CARCINOGENICITY

NOTES: The IARC has concluded there is inadequate evidence of carcinogenicity to experimental animals and inadequate evidence of carcinogenicity to humans (group 3: No Classifiable as to carcinogenicity to humans). Hydrogen chloride is not listed on the IARC, NTP, or OSHA carcinogen lists.

## 12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE): Hydrogen chloride in water dissociates almost completely, and will be neutralized by natural alkalinity and carbon dioxide.

96-HOUR LC<sub>50</sub>: 282 ppm (Mosquito Fish) 96 Hrs, static

48-HOUR EC<sub>50</sub>: 3.6 mg/L (bluegill) 48 Hrs, static

CHEMICAL FATE INFORMATION: Hydrochloric acid will sink into the soil. This acid will dissolve some soil material (in particular, anything with a carbonate base) and will be somewhat neutralized. The remaining portion is thought to transport downward to the water table.

## 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

## 14. TRANSPORT INFORMATION

## DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Hydrochloric Acid

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 1789

PACKING GROUP: II

REPORTABLE QUANTITY (RQ) UNDER CERCLA: 5000 lbs.

## 15. REGULATORY INFORMATION

## UNITED STATES

## SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: Subject to the reporting requirements of Section 313.

## CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Hydrochloric Acid (Skin Corr. 1B, H314; Met. Corr. 1, H290; STOT SE 3, H335)	31 - 37	5,000 lbs.

CALIFORNIA PROPOSITION 65: There are no chemicals present known to the State of California to cause cancer.

## 16. OTHER INFORMATION

Date Prepared: 12/07/2022

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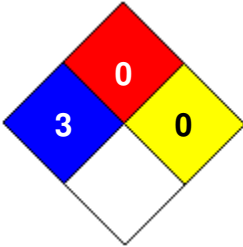
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### HMIS RATING

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

### NFPA CODES



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