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# Addendum # 5 Supply & Delivery of Water & Wastewater Treatment Chemicals

Date of Addendum: January 21, 2026

| NOTICE TO ALL BIDDERS AND PLANHOLDERS |
|---|
| The Bid Documents for the above-referenced Project are modified as set forth in this Addendum. The original Bid Documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the Bid Documents. Vendors will take this Addendum into consideration when preparing and submitting a bid and shall acknowledge receipt of this Addendum in the space provided in the Bid Documents. |

| BID SUBMITTAL DEADLINE |
|---|
| The bid submittal time has been extended to Thursday, January 29, 2026 at 2:00pm. |

**1.0 – ATTACHMENTS**

| Item | Description |
|---|---|
| | |

**2.0 – CLARIFICATIONS**

The following clarifications are provided as a matter of information to clarify issues raised about the Bid Documents.

| Item | Description |
|---|---|
| | |

**3.0 – QUESTIONS AND ANSWERS**

The following questions and answers are provided as a matter of information to clarify issues raised about the Bid Documents.

| Item | Questions and Answers |
|---|---|
| 1 | Q: Can all your sites accept full size tractor trailers – if not please specify?<br><br>A: All sites except 10,11,12,13,14. These sites will require a straight truck. |
| 2 | Q: Do all sites have safety showers, eye washes?<br><br>A: Yes |
| 3 | Q: Can you provide the delivery quantities for sodium hydroxide 50% to 1A, 10,11,12,13,14? |

| | |
|---|---|
| | A: 10-14 1,500-2,000 gallons straight truck only.<br>A: 1A – 200-250 gallons. Tractor or straight truck. |
| 4 | Q: Can you provide the tank sizes for sodium hydroxide 50% to 1A, 10,11,12,13,14?<br><br>A: 1A - 300 gallons<br>A: 10 – 800 gallons<br>A: 11 – 550 gallons<br>A: 12 – 650 gallons<br>A: 13 – 550 gallons<br>A: 14 – 600 gallons |
| 5 | Q: Can you provide the delivery quantity for sodium hypochlorite 12.5% 7,600 gallons bulk?<br><br>A: 330 gallons |
| 6 | Q: Can you provide the tank sizes for sodium hypochlorite 12.5% 1A?<br><br>A: 2 – 300 gallon tanks |
| 7 | Q: Can you provide the delivery quantity for each location for 10,300 gallons of sodium hypochlorite 15-gallon drums to 3,4, 5, 6, 7, 8, & 9?<br><br>A: 3 – 9-18 drums<br>A: 4 – 9 drums<br>A: 5 – 0 drums<br>A: 6 – 0 drums<br>A: 7 – 27 drums<br>A: 8 – 0 drums<br>A: 9 – 36 drums |
| 8 | Q: Can you provide the delivery quantity for each location for 8,700 gallons of sodium hypochlorite 55-gallon drums to 1B, 2A, 2B, & 8?<br><br>A: 1B 4-8 55 gallon drums<br>A: 2A 4-55 gallon drums<br>A: 2B 4-8 55 gallon drums<br>A: 8 – 4 55 gallon drums |
| 9 | Q: Can you provide a COA or data sheet for the Specification for solar salt granular bag that you require or are currently using?<br><br>A: See attached. |
| 10 | Q: Can you advise the delivery quantity and provide COA or data sheet for Bulk Aluminum chloride to Ocean Pines – 1000 Shore Lane, Berlin, Md. 21811? |

| | |
|---|---|
| | A: 4,000 gallons. The SDS is attached. |
| 11 | Q: Do you require the awarded supplier deliver on their own fleet or will you allow for common carrier deliveries?<br><br>A: Common carrier is acceptable. |

**END OF ADDENDUM**

# Aluminum Chloride, Solution

SDS No. 500
1/31/2019

***Safety Data Sheet***

## 1. IDENTIFICATION

**Product Identifier**
**Product Name** Aluminum Chloride, Solution

**Other means of identification**
**SDS #** 500

**UN/ID No** UN2581

**Manufacturer**

USALCO, LLC
2601 Cannery Ave
Baltimore, MD 21226

**Recommended use of the chemical and restrictions on use**
**Recommended Use** Water treatment chemical.

**Emergency Telephone Number**
**Company Phone Number** 410-918-2230
**Emergency Telephone (24 hr)** 800-282-5322

## 2. HAZARDS IDENTIFICATION

**Appearance** Viscous colorless to yellow liquid
Normally clear but may be hazy

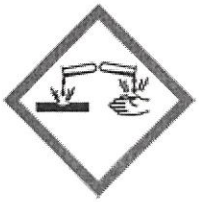
**Physical State** Liquid

**Odor** Negligible to hydrogen chloride

**Classification**

| | |
|---|---|
| Acute toxicity - Oral | Category 4 |
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2B |

**Signal Word**
**Danger**



**Hazard Statements**
Causes skin irritation and serious eye damage
May be corrosive to metals

**Precautionary Statements - Prevention**
Do not breathe dusts or mists.
Wash hands and any exposed skin thoroughly after handling.
Wear protective gloves and clothing, eye/face protection.

**Precautionary Statements - Response**
If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
-Wash contaminated clothing before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Precautionary Statements - Storage**
Store in a secure area.
Store in corrosive resistant plastic or FRP container or container with corrosive resistant inner liner.

**Precautionary Statements – Disposal**
Dispose in accordance with all applicable regulations. Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste Number(s): May be D002 under §261.22(a)(2) due to the rate of corrosion of metal.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|---|---|---|
| Water | 7732-18-5 | 70-85 |
| Aluminum chloride | 7446-70-0 | 15-30 |
| Hydrochloric acid | 7647-01-0 | 0-1 |

## 4. FIRST-AID MEASURES

**First Aid Measures**

**General Advice** After first aid, get appropriate in-plant, paramedic, or community medical support.

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.

**Skin Contact** Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. Seek medical attention if there is any indication of a chemical burn.

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately.

**Ingestion** Do not induce vomiting. Rinse mouth. Drink large amounts of water. Seek medical attention immediately.

**Most important symptoms and effects**

**Symptoms** May cause eye burns and permanent eye damage. Prolonged contact may even cause severe skin irritation or mild burn. May cause blurred vision, redness, watering and burning of the eyes. Skin exposure is characterized by itching, scaling, reddening, or, occasionally, blistering. Inhalation may cause coughing, wheezing, or shortness of breath. May cause irritation to the mucous membranes and upper respiratory tract.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Combustion products may be toxic.

**Hazardous Combustion Products** Hydrogen chloride. Chlorine gas.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to keep fire-exposed containers cool. Do not release runoff from fire control methods to sewers or waterways.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required.

**Environmental Precautions** Do not release into sewers or waterways.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

| | |
|---|---|
| **Methods for Clean-Up** | Small Spills: If directed to an industrial sewer, wash down with large volumes of water. Spills can be neutralized and absorbed with soda ash or lime, but neutralization will release carbon dioxide, which can generate a breathing hazard. Dike far ahead of liquid spill for later disposal. Contain large spills and pump into a suitable tank for disposal. Neutralize with a lime or soda ash and flush area with large amounts of water. Adequate ventilation is required due to release of Carbon Dioxide. |

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

| | |
|---|---|
| **Advice on Safe Handling** | Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Use personal protection recommended in Section 8. Ensure that all containers are labeled in accordance with OSHA regulations. Avoid contact with metal, as product will slowly corrode iron, brass, copper, aluminum and mild steel. Avoid contact with skin and eyes. Hydrochloric acid vapor may accumulate in storage containers. |

**Conditions for safe storage, including any incompatibilities**

| | |
|---|---|
| **Storage Conditions** | Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Store away from incompatible materials. |
| **Packaging Materials** | Store in rubber-lined, plastic or FRP vessels. |
| **Incompatible Materials** | Strong bases. Alcohols. Organic materials. Ammonia. Will react with most metals (aluminum, iron, zinc, tin, etc.) to release flammable hydrogen gas. |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

No exposure limits noted for product.
Exposure Limits for aluminum metal
NIOSH REL - TWA 10 mg/m3 (total) TWA 5 mg/m3 (resp)
OSHA PEL - TWA 15 mg/m3 (total) TWA 5 mg/m3 (resp)

**Appropriate engineering controls**

| | |
|---|---|
| **Engineering Controls** | Local exhaust ventilation recommended. Eyewash stations. Showers. |

**Individual protection measures, such as personal protective equipment**

| | |
|---|---|
| **Eye/Face Protection** | Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with, contact lenses. |
| **Skin and Body Protection** | Wear appropriate clothing to prevent repeated or prolonged skin contact. |
| **Respiratory Protection** | Seek professional advice prior to respirator selection and use. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. WARNING!: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. |
| **General Hygiene Considerations** | Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment. Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

| | |
|---|---|
| Appearance | Viscous colorless to yellow liquid. Normally clear but may be hazy |
| Odor | Negligible |
| Odor threshold | Not determined |
| pH | <1.0 |
| Relative density; (specific gravity) | ±1.2 (1=Water) @4° C |

| | |
|---|---|
| Melting point/freezing point | -34° C / -30° F |
| Initial boiling point and boiling range | > 110° C / >230° F |
| Decomposition temperature | ±120° C / 250° F |
| Viscosity | 10 centipoise |
| Auto-ignition temperature | Not flammable |
| Evaporation rate; | Similar to water |
| Flammability (solid, gas) | Not flammable |
| Flash point | Will not burn |
| Upper/lower flammability or explosive limits | Will not burn |
| Partition coefficient: n-octanol/water | Not relevant |
| Solubility | Soluble in water |
| Vapor density | Similar to water |
| Vapor pressure | Similar to water |

## 10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive under normal conditions.

**Chemical Stability**
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**
Not compatible with strong bases (such as sodium hydroxide and potassium hydroxide); alcohols, organic materials (such as wood, paper, leather) and ammonia. Mixing may generate heat, spattering or boiling and toxic vapors.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to Avoid**
Contact with incompatible materials.

**Incompatible Materials**
Strong bases. Alcohols. Organic materials. Ammonia. Will react with most metals (aluminum, iron, zinc, tin, etc.) to release flammable hydrogen gas.

**Hazardous Decomposition Products**
Hydrogen chloride. Chlorine gas.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

**Eye Contact** Causes severe eye damage.

**Skin Contact** Causes severe skin burns.

**Inhalation** Avoid breathing vapors or mists.

**Ingestion** Harmful if swallowed.

**Component Information**

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Aluminum chloride 7446-70-0 | = 380 mg/kg ( Rat ) | > 2 g/kg ( Rabbit ) | - |
| Hydrochloric acid 7647-01-0 | = 700 mg/kg ( Rat ) | > 5010 mg/kg ( Rabbit ) | = 3124 ppm ( Rat ) 1 h |

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Not classifiable as a human carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| Hydrochloric acid 7647-01-0 | | Group 3 | | |

**Legend**

***IARC (International Agency for Research on Cancer)***

*Group 3 IARC components are "not classifiable as human carcinogens"*

**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.

**Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|---|---|---|---|
| Aluminum chloride 7446-70-0 | | 27.1: 96 h Gambusia affinis mg/L LC50 5.31 - 7.2: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 6.2 - 11.9: 96 h Oncorhynchus mykiss mg/L LC50 | | 3.9: 48 h Daphnia magna mg/L EC50 Static |
| Hydrochloric acid 7647-01-0 | | 282: 96 h Gambusia affinis mg/L LC50 static | | |

**Persistence/Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

**UN/ID No** UN2581
**Proper Shipping Name** Aluminum Chloride, solution
**Hazard Class** 8
**Packing Group** III

**IATA**

**UN/ID No** UN2581
**Proper Shipping Name** Aluminum Chloride, solution
**Hazard Class** 8

**Packing Group** III

**IMDG**

| | |
|---|---|
| **UN/ID No** | UN2581 |
| **Proper Shipping Name** | Aluminum Chloride, solution |
| **Hazard Class** | 8 |
| **Packing Group** | III |
| **Marine Pollutant** | This material may meet the definition of a marine pollutant |

## 15. REGULATORY INFORMATION

**International Inventories**

Not determined

**US Federal Regulations**

**CERCLA**

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---|---|---|---|
| Hydrochloric acid 7647-01-0 | 5000 lb | 5000 lb | RQ 5000 lb final RQ RQ 2270 kg final RQ |

**SARA 311/312 Hazard Categories**

| | |
|---|---|
| **Acute Health Hazard** | Yes |
| **Chronic Health Hazard** | No |
| **Fire Hazard** | No |
| **Sudden Release of Pressure Hazard** | No |
| **Reactive Hazard** | No |

**SARA 313**

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|---|---|---|---|
| Hydrochloric acid - 7647-01-0 | 7647-01-0 | 0-1 | 1.0 |

**CWA (Clean Water Act)**

| Component | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|---|---|---|---|
| Hydrochloric acid 7647-01-0 ( 0-1 ) | 5000 lb | | | X |

**US State Regulations**

**U.S. State Right-to-Know Regulations**

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| Aluminum chloride<br>7446-70-0 | X | X | X |
| Hydrochloric acid<br>7647-01-0 | X | X | X |

## 16. OTHER INFORMATION

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health Hazards** | **Flammability** | **Instability** | **Special Hazards** |
| | 2 | 0 | 0 | Not determined |
| **HMIS** | **Health Hazards** | **Flammability** | **Physical Hazards** | **Personal Protection** |
| | 2 | 0 | 0 | Not determined |

**Issue Date** 30-Apr-2013
**Revision Date:** 3-Mar-2015 New format
1/31/2019 Review

**Disclaimer**
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

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Kitchener, Ontario N2C 1L3
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Fax: (877) 434-8250

# SAFETY DATA SHEET

## Section 1: Product Identification

| | |
|---|---|
| **Product Name** | **Professional Grade Solar Salt** |
| **Identified Uses** | (Blue Bag) for Water Softeners |
| **Supplier's Details** | The Kissner Group<br>148 Manitou Drive, Suite 301<br>Kitchener, Ontario, Canada N2C 1L3 |
| **Phone Number** | (519) 279-4860 |
| **Emergency Contact (24 Hrs)** | (613) 996-6666 CANUTEC |

## Section 2: Hazard Identification

| | |
|---|---|
| **Classification (GHS)** | Not Classified |
| **GHS Labelling** | No Labelling applicable |
| **Percentage** | Not applicable |
| **Other Hazards** | Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.<br>Corrosive to metals upon prolonged contact. |

## Section 3: Composition/Information On Ingredients

| Ingredients | Percentage | CAS. NO. | Classification |
|---|---|---|---|
| Sodium Chloride | 100% | 7647-14-5 | Not Classified |

## Section 4: First-Aid Measures

**Description of First Aid Measures**

| | |
|---|---|
| General | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice. |
| Inhalation | When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists. |
| Skin Contact | Remove contaminated clothing. Brush off loose particles. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists. Wash contaminated clothing before reuse. |
| Eye Contact | Rinse cautiously with water for several minutes. Brush off loose particles. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists. |
| Ingestion | Rinse mouth. Do NOT induce vomiting. Obtain medical attention. |
| Chronic Symptoms | Not available |

## Section 5: Fire-Fighting Measures

| | |
|---|---|
| **Suitable Extinguishing Media:** | Use extinguishing media appropriate for surrounding fire. |
| **Fire Hazard:** | Not considered flammable but may burn at high temperatures. |
| **Explosion Hazard:** | Product is not explosive. |

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| | |
|---|---|
| **Hazardous Combustion Products:** | May include and are not limited to: Hydrogen chloride. Chlorine. Oxides of sodium. |
| **Protective equipment for firefighters** | Firefighters should wear full protective clothing including self-contained breathing apparatus. |

## Section 6: Accidental Release Measures

| | |
|---|---|
| **Personal Precautions** | Avoid breathing (dust). Avoid all contact with skin, eyes, or clothing. |
| **Protective Equipment:** | Use appropriate personal protection equipment (PPE). |
| **Environmental Precautions** | Prevent entry to sewers and public waters. Avoid release to the environment. |
| **Methods for Cleaning Up** | Clear up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Contact competent authorities after a spill. |

## Section 7: Handling And Storage

| | |
|---|---|
| **Handling** | Use good industrial hygiene practices in handling this material. Avoid breathing dusts from this material. |
| **Storage** | Keep out of reach of children. Keep containers tightly closed in a cool, well-ventilated place. |

## Section 8: Exposure Controls/Personal Protection

| | |
|---|---|
| **Control Parameters** | No Occupational Exposure Limits (OELs) have been established for this product or its chemical components. |
| **Appropriate Engineering Controls** | Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas |
| **Personal Protective Equipment** | Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection. Gloves. |

| | |
|---|---|
| **Materials for Protective Clothing:** | Chemically resistant materials and fabrics. |
| **Hand Protection:** | Wear chemically resistant protective gloves. |
| **Eye Protection:** | Chemical goggles or face shield. |
| **Skin and Body Protection:** | Wear suitable protective clothing. |
| **Respiratory Protection:** | Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations are expected to exceed exposure limits. |

## Section 9: Physical And Chemical Properties

| | |
|---|---|
| **Appearance/ Physical State** | White Solid Crystalline. Odorless. |
| **Vapour Pressure (mm Hg at 20°C)** | 2.4 |
| **Vapour Density (Air = 1.0)** | Not available |

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| | |
|---|---|
| **Bulk Density** | Not available |
| **Solubility in Water** | 36G/100g H2O @ 20°C |
| **Specific Gravity (gm/cc, Water = 1.0)** | Approx. 2.17 |
| **% Volatile by Volume** | Non-volatile |
| **Boiling Range (Deg. Celsius)** | 1465 |
| **Melting Point** | 800.4 |
| **Coefficient of Water/Oil Distribution** | Not available |
| **pH** | 10 (1% solution @ 20°C) |

## Section 10: Stability And Reactivity

| | |
|---|---|
| **Chemical Stability:** | Stable under normal conditions. |
| **Reactivity:** | Reactive with oxidizing agents, acids, lithium, bromine trifluoride. |
| **Possibility of Hazardous Reactions:** | Hazardous polymerization does not occur. |
| **Conditions to Avoid:** | Do not mix with incompatible materials. |
| **Incompatible Materials:** | Acids. Oxidizers. |
| **Hazardous Decomposition Products:** | May include and are not limited to: Hydrogen chloride. Chlorine. sodium oxides |

## Section 11: Toxicological Information

| | |
|---|---|
| **Acute Toxicity:** | Not classified |
| **LD50 and LC50 Data:** | Not available |
| **Skin Corrosion/Irritation:** | Not classified |
| **Serious Eye Damage/Irritation:** | Not classified |
| **Respiratory or Skin Sensitization:** | Not classified |
| **Germ Cell Mutagenicity:** | Not classified |
| **Teratogenicity:** | Not available |
| **Carcinogenicity:** | Not classified |
| **Specific Target Organ Toxicity (Repeated Exposure):** | Not classified |
| **Reproductive Toxicity:** | Not classified |
| **Specific Target Organ Toxicity (Single Exposure):** | Not classified |
| **Aspiration Hazard:** | Not classified |

**Information on Toxicological Effects - Ingredient(s)**

| | | |
|---|---|---|
| **Sodium chloride (7647-14-5)** | LD50 Oral Rat | 3 g/kg |
| | LC50 Inhalation Rat | > 42 g/m³ (Exposure time: 1 h) |

## Section 12: Ecological Information

**Toxicity** No additional information available

**Sodium chloride (7647-14-5)**

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| | |
|---|---|
| **LC50 Fish 1** | 5560 (5560 - 6080) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus (flow- through)) |
| **EC50 Daphnia 1** | 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| **LC 50 Fish 2** | 12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| **EC50 Daphnia 2** | 340.7 (340.7 - 469.2) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |

**Persistence and degradability** Not available

**Bio accumulative potential**

| | | |
|---|---|---|
| Sodium chloride (7647-14-5) | BCF Fish 1 | (no bioaccumulation) |

**Mobility in Soil** Not available

**Other Information** Avoid release to the environment

## Section 13: Disposal Considerations

**Waste Disposal Recommendations** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

## Section 14: Transport Information

| | |
|---|---|
| In Accordance with DOT | Not regulated for transport |
| In Accordance with IMDG | Not regulated for transport |
| In Accordance with IATA | Not regulated for transport |
| In Accordance with TDG | Not regulated for transport |

## Section 15: Regulatory Information

**US Federal Regulations**

| | |
|---|---|
| Sodium chloride (7647-14-5) | Listed on the United States TSCA (Toxic Substances Control Act) inventory |

**Canadian Regulations**

| | |
|---|---|
| **Solar Salt** | |
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |

| | |
|---|---|
| **Sodium chloride (7647-14-5)** | Listed on the Canadian DSL (Domestic Substances List) |
| WHMIS Classification | Uncontrolled product according to WHMIS classification criteria |

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.**

## Section 16: Other Information

**Other Information:** **This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.**

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