



# SAFETY DATA SHEET

Revision Date 28-Apr-2015

Version 2

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** Salt, Sodium Chloride

### Other means of identification

**Product Code(s)** AQUA SALT

**Synonyms** Pool salt

### Recommended use of the chemical and restrictions on use

**Recommended Use** Pool salt.

### Details of the supplier of the safety data sheet

**Manufacturer Address** United Salt Corporation  
4800 San Felipe St.  
Houston, TX 77056

### Emergency telephone number

**Company Phone Number** 866 549-POOL (7665)  
713-877-2677

**Emergency Contact:** CHEMTREC: +1-703-527-3887 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

## 2. HAZARDS IDENTIFICATION

### Classification

Aqua Salt Pool Salt is a consumer product as defined by the Federal, Food, Drug and Cosmetic Act 21 U.S.C. 321(f) and as such is exempt from HAZCOM labeling requirements 29 CFR 1910.1200(b)(5).

**Serious eye damage/eye irritation**

Category 2B

### GHS Label elements, including precautionary statements

#### Warning

#### Hazard Statements

Causes eye irritation

#### Emergency Overview

#### **Appearance**

White, crystalline.

#### **Physical state**

Solid.

#### **Odor**

Odorless.

### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.

### Precautionary Statements - Response

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 advice/ attention

### General Hazards

Although not required to be classified under GHS, this product has been self-classified.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms** Pool salt.

Chemical Name	CAS-No	Weight %	Trade Secret
Sodium Chloride	7647-14-5	100	*

\* Yellow prussiate of soda in trace amounts is used as an anti-caking agent in the sized salt.

Trade Secret

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

#### First aid measures for different exposure routes

<b>Eye contact</b>	Burning feeling and temporary redness. May cause irritation and redness. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. If symptoms persist, call a physician.
<b>Skin contact</b>	May cause dryness to skin. Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. Irritating to mucous membranes. May cause throat irritation. If symptoms persist, call a physician.
<b>Ingestion</b>	Drink plenty of water. Rinse mouth with water. If symptoms persist, call a physician. Not intended for human or animal consumption.
<b>Protection of First-aiders</b>	Use personal protective equipment.

#### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** Keep patient under observation. Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b><u>Suitable Extinguishing Media</u></b>	Material is non-flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b><u>Unsuitable Extinguishing Media</u></b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b><u>Specific hazards arising from the chemical</u></b>	No information available.
<b><u>Hazardous Combustion Products</u></b>	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ).
<b><u>Explosion data</u></b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.

#### 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.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Use personal protective equipment. Avoid dust formation. Avoid contact with the skin and the eyes.

**Other information** See Section 12 for additional information.

### Environmental Precautions

**Environmental Precautions** See Section 12 for additional Ecological Information.

### Methods and Materials for Containment and Cleaning Up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Avoid generation and spreading of dust.

**Methods for Cleaning Up** Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically and collect in suitable container for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid dust formation. Do not ingest.

### Conditions for safe storage, including any incompatibilities

**Technical measures/Storage conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible products** Bromine Trifluoride, Lithium.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** Treat as a nuisance dust.  
**Exposure controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems. Ensure adequate ventilation to remove vapors, fumes, dust, etc. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Ensure that eyewash stations and safety showers are close to the workstation location.

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

**Eye/Face Protection** Safety glasses with side-shields. or. Tightly fitting safety goggles. for dusty conditions.

**Skin and body protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear latex or Nitrile gloves.

**Respiratory protection** Effective dust mask. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice. Wash hands and face before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

<b>Physical state</b>	Solid.	<b>Odor</b>	Odorless.
<b>Appearance</b>	White, crystalline.	<b>Odor Threshold</b>	No information available
<b>Color</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Note • Method</u>
<b>pH @ 20 °C</b>	No information available	
<b>Melting/freezing point</b>	800 °C / 1472 °F.	
<b>Boiling point/boiling range</b>	1413 °C / 2575 °F.	
<b>Flash Point</b>	No information available	
<b>Evaporation rate</b>	N/A	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limits in Air</b>		
<b>Upper Flammability Limit</b>	No data available.	
<b>Lower Flammability Limit</b>	No data available.	
<b>Vapor pressure</b>	1 MM@ 855 deg	
<b>Vapor density</b>	N/A	
<b>Specific Gravity</b>	2.165	
<b>Water solubility</b>	Appreciable (26.43 % by weight at 20C)	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient: n-octanol/water</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Viscosity, kinematic</b>	No information available	
<b>Viscosity, dynamic</b>	No information available	
<b>Explosive properties</b>	No information available.	
<b>Oxidizing Properties</b>	No information available	

### Other information

<b>Softening point</b>	No information available
<b>Molecular Weight</b>	No data available
<b>VOC Content</b>	No data available.
<b>Density</b>	No data available
<b>Bulk Density</b>	No data available.

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to Avoid

No information available.

### Incompatible Materials

Bromine Trifluoride, Lithium.

### Hazardous Decomposition Products

When heated to decomposition (above 1413 C) may emit toxic fumes of Na<sub>2</sub>O and Cl<sub>2</sub>.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Eye contact</b>	May cause irritation.
<b>Skin contact</b>	Irritating to skin. Prolonged contact may cause redness and irritation.
<b>Inhalation</b>	May cause irritation of respiratory tract. Inhalation of dust in high concentration may cause irritation of respiratory system.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium Chloride 7647-14-5	= 3 g/kg ( Rat )	= 10 g/kg (Rabbit)	> 42 g/m <sup>3</sup> ( Rat ) 1 h

### Information on toxicological effects

**Symptoms** No information available.

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

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** There are no known carcinogenic chemicals in this product.

**Reproductive Toxicity** No information available.

**Specific target organ systemic toxicity (single exposure)** No information available.

**Specific target organ systemic toxicity (repeated exposure)** No information available.

**Target Organ Effects** Skin, Eyes, Gastrointestinal tract (GI).

**Aspiration hazard** No information available.

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document . mg/kg

**LD50 Oral (mg/kg)** 3000 mg/kg (rat) Estimated

**LD50 Dermal** 10000 mg/kg (rat) Estimated

**LC50 Inhalation (DUST)** 17572 mg/l (mist) (dust) mg/m<sup>3</sup> 4 hour Estimated

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates

Sodium Chloride 7647-14-5	-	4747 - 7824 mg/L: 96 h Oncorhynchus mykiss LC50 flow-through 5560 - 6080 mg/L: 96 h Lepomis macrochirus LC50 flow-through 6020 - 7070 mg/L: 96 h Pimephales promelas LC50 static 6420 - 6700 mg/L: 96 h Pimephales promelas LC50 static 12946 mg/L: 96 h Lepomis macrochirus LC50 static 7050 mg/L: 96 h Pimephales promelas LC50 semi-static	340.7 - 469.2 mg/L: 48 h Daphnia magna EC50 Static 1000 mg/L: 48 h Daphnia magna EC50
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**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

**Other adverse effects** No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment**

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements. Dispose of in accordance with federal, state, and local regulations.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

**Harmonized Tariff Schedule / Schedule B**

**HTS/Schedule B Code** 2501.00.0000

**DOT** Not regulated.

**TDG** Not regulated.

**MEX** Not regulated.

**ICAO** Not regulated.

**ICAO/IATA** Not regulated.

**IMDG/IMO** Not regulated.

**RID** Not regulated.

**ADR/RID** Not regulated.

**ADN** Not regulated.

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies

<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

**U.S. EPA Label Information**

**EPA Pesticide registration number** Not applicable

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazard 0</b>	<b>Flammability 0</b>	<b>Instability 0</b>	<b>Physical and chemical hazards -</b>
<b><u>HMIS</u></b>	<b>Health Hazard 1</b>	<b>Flammability 0</b>	<b>Physical Hazard 0</b>	<b>Personal protection X</b>

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**Revision Note**

**Reason for Revision:** GHS Revision  
SDS sections updated: 2

**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**