



Product Name: Salinity Plus
Date: 6/23/2015

SECTION 1 **IDENTIFICATION**

Supplier: Phoenix Products Company
55 Container Drive
Terryville, CT 06786
(860) 589-7502

Distributor:

U.S. PERS Emergency Telephone: 1-800-633-8253

Product Name: **Salinity Plus**

Synonyms: Common salt; Halite; Rock salt; Saline; Salt; Sea salt; Table salt.

Chemical Name: Sodium Chloride

Chemical Formula: NaCl

CAS Number: 7647-14-5

Product Use: Establishes proper mineral levels, enhance water clarity, improve generator efficiency, help prolong cell life and prevent scaling and staining.

SECTION 2 **HAZARDS IDENTIFICATION**

Emergency Overview

OSHA Regulatory Status: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

- May cause eye and skin irritation.
- May cause respiratory tract irritation.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation. Ingestion of large amounts may cause nausea and vomiting, rigidity or convulsions. Continued exposure can produce coma, dehydration, and internal organ congestion.

Inhalation: May cause respiratory tract irritation.

Chronic: No information found.

SECTION 3 **COMPOSITION, INFORMATION ON INGREDIENTS**

Component	CAS Number	Percent
Sodium Chloride	7647-14-5	88%
Oxone	Mixture	8%
Hampene NA2	Mixture	4%



SECTION 4 **FIRST-AID MEASURES**

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

Ingestion: If victim is conscious and alert, give 2-4 cupsful of milk or water. Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

SECTION 5 **FIRE FIGHTING MEASURES**

General Information: Water runoff can cause environmental damage. Dike and collect water used to fight fire. Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. Substance is noncombustible.

Extinguishing Media: For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.

SECTION 6 **ACCIDENTAL RELEASE MEASURES**

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

SECTION 7 **HANDLING AND STORAGE**

Handling: Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Do not ingest or inhale.

Storage: Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.

SECTION 8 **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering Controls: Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Limits: No exposure standards allocated.

OSHA Vacated PELs: Sodium chloride: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear safety glasses with side shields.

Skin: Wear appropriate gloves to prevent skin exposure.



Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators: A NIOSH/MSHA approved air purifying dust or mist respirator.

SECTION 9 **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Colorless or white solid
Odor:	Odorless
pH:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Evaporation Rate:	Not available.
Viscosity:	Not available.
Boiling Point:	2575°F
Freezing/Melting Point:	1474°F
Autoignition Temperature:	Not available.
Flash Point:	Not applicable.
Decomposition Temperature:	Not available.
Explosion Limits:	Lower: Not available. Upper: Not available.
Solubility:	Soluble
Specific Gravity/Density:	2.165
Molecular Weight:	58.43

SECTION 10 **STABILITY AND REACTIVITY**

Chemical Stability: Stable.

Conditions to Avoid: High temperatures, exposure to moist air or water.

Incompatibilities with Other Materials: Reacts with most non noble metals such as iron or steel, building materials (such as cement), bromine, or trifluoride. Potentially explosive reaction with dichloromaleic anhydride + urea. Electrolysis of mixtures with nitrogen compounds may form explosive nitrogen trichloride.

Hazardous Decomposition Products: Toxic fumes of sodium oxide.

Hazardous Polymerization: Has not been reported.

SECTION 11 **TOXICOLOGICAL INFORMATION**

LD50/LC50 (CAS# 7647-14-5):

- Draize test, rabbit, eye: 100 mg Mild;
- Draize test, rabbit, eye: 100 mg/24H Moderate;
- Draize test, rabbit, eye: 10 mg Moderate;
- Draize test, rabbit, skin: 50 mg/24H Mild;
- Draize test, rabbit, skin: 500 mg/24H Mild;
- Inhalation, rat: LC50 = >42 gm/m³/1H;
- Oral, mouse: LD50 = 4 gm/kg;
- Oral, rat: LD50 = 3 gm/kg;
- Skin, rabbit: LD50 = >10 gm/kg;

Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No information reported.

Teratogenicity: An experimental teratogen.

Reproductive Effects: Human reproductive effects by intraplacental route: terminates pregnancy. Experimental reproductive effects.



Neurotoxicity: No information reported.

Mutagenicity: See actual entry in RTECS for complete information.

SECTION 12 **ECOLOGICAL INFORMATION**

Ecotoxicity: No information found.

Environmental: No information reported.

Physical: No information found

Other: No information found

SECTION 13 **DISPOSAL CONSIDERATIONS**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

SECTION 14 **TRANSPORTATION DATA**

DOT: Not Regulated

TDG: Not Regulated

MEX: Not Regulated

IMDG: Not Regulated

IATA: Not Regulated

SECTION 15 **REGULATORY INFORMATION**

US FEDERAL

TSCA: CAS# 7647-14-5 is listed on the TSCA inventory.

Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.

Section 12b: None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA.

SARA

Section 302 (RQ): None of the chemicals in this material have an RQ.

Section 302 (TPQ): None of the chemicals in this product have a TPQ.

SARA Codes: CAS # 7647-14-5: acute.

Section 313: No chemicals are reportable under Section 313.

Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.



OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

SECTION 15 **REGULATORY INFORMATION - Continued**

STATE:

CAS# 7647-14-5 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases: S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection): CAS# 7647-14-5: 0

Canada

CAS# 7647-14-5 is listed on Canada's DSL List. This product has a WHMIS classification of D2B.

CAS# 7647-14-5 is not listed on Canada's Ingredient Disclosure List.

SECTION 16 **ADDITIONAL INFORMATION**

NFPA Ratings: Health: 1 Flammability: 0 Reactivity: 0

No representations or warranties, either expressed or implied, of merchant ability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers.

Date: 6/23/2015
Phoenix Products Company