



## SAFETY DATA SHEET Pond Salt

### 1. COMPANY AND PRODUCT IDENTIFICATION

Product Name: <b>Pond Salt</b>		Date: 07-06-2015
Company: EasyPro Pond Products		Synonyms: Salt, Sodium Chloride
Address: 4385 E 110 <sup>th</sup> , Grant, MI 49327 USA		Emergency Telephone: 800-424-9300
Phone: 231-834-7720	Fax: 231-834-5537	(CHEMTREC) International: 1-703-527-3887

### 2. HAZARDS IDENTIFICATION

#### **Classification**

Serious eye damage/eye irritation	Category 2B
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**Signal Word**                      Warning

**Hazard Statements**      Causes eye irritation

#### **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                      Industrial Grade Sodium Chloride

<b>Chemical Name</b>	<b>CAS #</b>	<b>% BY WEIGHT</b>
Sodium Chloride	7647-14-5	100

### 4. FIRST AID MEASURES

#### **First aid measures for different exposure routes**

**Eye Contact:**                      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.

**Skin Contact:** May cause dryness to skin. Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.

**Inhalation:** Move to fresh air. Irritating to mucous membranes. May cause throat irritation. If symptoms persist, call a physician.

**Ingestion:** Drink plenty of water. Rinse mouth with water. If symptoms persist, call a physician. Not intended for human or animal consumption.

**Protection of First-aiders:** Use personal protective equipment

**Most important symptoms and effects, both acute and delayed**

**Main Symptoms:** No information available.

**Indication of any immediate medical attention and special treatment needed, if necessary.**

**Notes to Physician:** Keep patient under observation. Treat symptomatically.

## **5. FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:**

Material is non-flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media:**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

No information is available.

**Hazardous Combustion Products**

Carbon monoxide. Carbon Dioxide.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** 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:** Use personal protective equipment. Avoid dust formation. Avoid contact with skin and eyes

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

**Environmental precautions:** See Section 12 for additional Ecological Information.

**Clean up methods:** Prevent further leakage or spillage if safe to do so. Avoid generation and spreading of dust. 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

<b>Advice on safe handling:</b>	Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid dust formation. Do not ingest.
<b>Storage:</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatibles:</b>	Bromine Trifluoride, Lithium.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Guidelines:</b>	Treat as a nuisance dust.
<b>Engineering measures:</b>	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.
<b>Eye/Face Protection:</b>	Safety glasses with side-shields or tightly fitting safety goggles for dusty conditions.
<b>Skin and Body Protection:</b>	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear latex or Nitrile gloves.
<b>Respiratory Protection:</b>	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.
<b>Hygiene Measures:</b>	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

<b>Physical State:</b>	Solid.
<b>Appearance:</b>	White, crystalline.
<b>Odor:</b>	Odorless.
<b>Odor threshold:</b>	No information available.
<b>pH:</b>	No information available.
<b>Melting/Freezing Point:</b>	800 °C / 1472 °F.
<b>Boiling Point:</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>Upper/Lower Flammability Limits:</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:</b>	
<b>n-octanal/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.

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available.
<b>Stability:</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	None under normal processing.
<b>Hazardous Polymerization:</b>	Does not occur.
<b>Conditions to avoid:</b>	No information available.
<b>Incompatibilities:</b>	Bromine Trifluoride, Lithium.
<b>Hazardous decomposition products:</b>	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	LC 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

<b>Symptoms</b>	No information available.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.

<b>Reproductive Toxicity</b>	No information available
<b>STOT – single exposure</b>	No information available
<b>STOT – repeated exposure</b>	No information available
<b>Target Organ Effects</b>	Skin, Eyes, Gastrointestinal tract (GI).
<b>Aspiration Hazard</b>	No information available

**Numerical measures of Toxicity**

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

<b>LD50 Oral (mg/kg)</b>	3000 mg/kg (rat) Estimated
<b>LD50 Dermal</b>	10000 mg/kg (rat) Estimated
<b>LC50 Inhalation (DUST)</b>	17572 mg/l (mist) (dust) mg/m <sup>3</sup> 4 hour Estimated

**12. ECOLOGICAL INFORMATION****Eco-toxicity:**

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: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5560 - 6080: 96 h Lepomis macrochirus mg/L LC50 flow-through 6020 - 7070: 96 h Pimephales promelas mg/L LC50 static 6420 - 6700: 96 h Pimephales promelas mg/L LC50 static 12946: 96 h Lepomis macrochirus mg/L LC50 static 7050: 96 h Pimephales promelas mg/L LC50 semi-static	340.7 - 469.2: 48 h Daphnia magna mg/L EC50 Static 1000: 48 h Daphnia magna mg/L EC50

<b>Persistence and degradability:</b>	No information available.
<b>Bioaccumulation:</b>	No information available.
<b>Other adverse effects:</b>	No information available

**13. DISPOSAL CONSIDERATIONS**

**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 with the appropriate State, Regional or Local regulations for additional requirements.

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

## 14. TRANSPORTATION INFORMATION

<b>HTS/Schedule B Code</b>	2501.00.0000
<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>ICAO/IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR/RID</b>	Not regulated
<b>ADN</b>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	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

### US 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>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

#### **CWA (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.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**US State Right-to-Know Regulations**

<b><u>16. OTHER INFORMATION</u></b>
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<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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