

## MATERIAL SAFETY DATA SHEET

# BOLIVIAN PINK SALT

# MSDS

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:** BOLIVIAN PINK SALT  
**Product Use:** Personal Care Formulations  
**Company Name:** Natural Sourcing  
**Company Address:** 341 Christian Street, Oxford, CT 06478, USA  
**Date Issued:** 1/1/2008  
**Emergency Telephone Number:** Chemtrec Tel: (800) 262-8200

### 2. COMPOSITION/INGREDIENT INFORMATION

**Ingredients:**  
Sodium Chloride 60-100%  
**CAS #:** 7647-14-5

### 3. HAZARDS IDENTIFICATION

**Hazard Rating:** Health: 1 Flammability: 0 Reactivity: 0  
**Emergency Overview:** Irritating to eyes  
**Routes of Entry**  
**Eye Contact:** Causes moderate irritation to the eyes.  
**Skin Contact:** Mild irritant with overexposure.  
**Ingestion:** Very large doses can cause nausea, vomiting and diarrhea  
**Inhalation:** Dust may cause irritation to nose, throat, and respiratory tract.  
**Target Organs:** Eyes, Skin, Respiratory system  
**Chronic Hazards:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.  
**Signs & Symptoms:** Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.  
**Physical Hazards:** Spilled material can be slippery.

### 4. FIRST AID MEASURES

**Eyes:** Remove contact lenses if applicable. Flush with plenty of cold water for 15 minutes and seek medical attention if irritation persists.  
**Skin:** Brush away dry material. Flush with water. Seek medical attention if irritation persists.  
**Ingestion:** If large quantities of this material are swallowed, call a physician immediately. Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person.

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

**Medical Conditions Generally Aggravated by Exposure:** None

#### 5. FIRE FIGHTING MEASURES

**Flammable Limits:** Non-flammable by WHMIS/OSHA criteria.

**Extinguishing Media:** This material is compatible with all extinguishing media.

**Special Firefighting Procedures:** None

**Protection of Firefighters:** Fire fighters should wear chemical goggles, proper equipment and self-contained breathing apparatus.

**Hazardous Combustion Products:** May include and are not limited to: Oxides of sodium. Chlorine.

**Explosion Data:**

**Sensitivity to Mechanical Impact:** Not available

**Sensitivity to Static Discharge:** Not available

#### 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

**Personal Precautions:** Wear chemical goggles

**Environmental Precautions:** Avoid contamination of water sources.

**Methods for Cleaning Up:** Sweep, scoop or vacuum spilled material and containerize for disposal. Flush residue with water. Observe environmental regulations.

#### 7. HANDLING AND STORAGE

**Handling**

**Safe Handling:** Avoid breathing dust. Promptly clean up spills. Store away from oxidizing agents. Keep away from eyes.

**Storage**

**Requirements for Storage Areas and Containers:** Keep containers closed. Protect from extremes of temperature and humidity during storage. Recommended storage conditions 68-110F and 54-87% humidity.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Exposure Limits:**  
Sodium chloride **ACGIH-TLV:** Not established  
**OSHA-PEL:** Not established

**Engineering Controls:** Not normally required if good ventilation is maintained.

**Eye:** Chemical goggles. Eye wash fountain should be available.

**Skin/Body:** Rubber Gloves & Aprons should be worn.

**Respiratory:** Use adequate ventilation and NIOSH-approved respiratory devices where dust occurs. Observe OSHA regulations for respirator use (29 CFR 1910.134)

**Ventilation:** Adequate mechanical exhaust/ventilation

**Other:** Evaluate need based on application.

**Work/Hygiene Practice:** N/A

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Crystalline powder

**Color:** Pink

<b>Odor:</b>	Odorless
<b>pH:</b>	6-8 (neutral)
<b>Vapor Pressure (1mm Hg.):</b>	0.1 kPa @ 865 °C
<b>Vapor Density (AIR = 1):</b>	N/A
<b>Boiling Point:</b>	1413 °C (2575.40 °F)
<b>Melting Point:</b>	800.9 °C (1473.62 °F)
<b>Specific Gravity:</b>	2.17
<b>Relative Density:</b>	2.17 g/cm <sup>3</sup>
<b>Solubility in Water:</b>	36g/100g H <sub>2</sub> O @ 20°C
<b>Percent Volatile:</b>	0% w/w
<b>Molecular Weight:</b>	58.4400 g/mole
<b>Molecular Formula:</b>	NaCl

#### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended conditions of storage and use. May react with oxidizing agents.
<b>Conditions to Avoid:</b>	Do not mix with incompatible materials.
<b>Incompatibility (Materials to Avoid):</b>	Oxidizing agents, acids, lithium, bromine trifluoride
<b>Hazardous Decomposition or Byproducts:</b>	May include and are not limited to: Chlorine. Oxides of Sodium.
<b>Hazardous Polymerization:</b>	Will Not Occur.

#### 11. TOXICOLOGICAL INFORMATION

<b>LC50:</b>	>21000 mg/m <sup>3</sup> rat
<b>Oral LD50:</b>	3000 mg/kg rat; 4000 mg/kg mouse
<b>Acute Effects:</b>	
<b>Eye:</b>	Causes irritation
<b>Skin:</b>	Mechanical rubbing may increase skin irritation
<b>Inhalation:</b>	Dusts of this material may cause irritation to nose, throat, and respiratory tract.
<b>Ingestion:</b>	May cause stomach distress, nausea or vomiting.
<b>Sensitization:</b>	Not classified or listed by IARC, NTP, OSHA and ACGIH
<b>Chronic Effects:</b>	Not classified or listed by IARC, NTP, OSHA and ACGIH
<b>Carcinogenicity:</b>	Not classified or listed by IARC, NTP, OSHA and ACGIH
<b>Mutagenicity:</b>	Not classified or listed by IARC, NTP, OSHA and ACGIH
<b>Reproductive Effects:</b>	Not classified or listed by IARC, NTP, OSHA and ACGIH
<b>Teratogenicity:</b>	Not classified or listed by IARC, NTP, OSHA and ACGIH

#### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	May be harmful to freshwater aquatic species and to plants that are not saline tolerant.
<b>Environmental Effects:</b>	Not available
<b>Aquatic Toxicity:</b>	Not available
<b>Persistence/Degradability:</b>	Not available
<b>Bioaccumulation/accumulation:</b>	Not available
<b>Partition Coefficient:</b>	Not available
<b>Mobility in Environmental Media:</b>	Not available

Chemical Fate: Not available

### 13. DISPOSAL CONSIDERATIONS

Waste Codes: Not available  
Waste Disposal Methods: Dispose according to local, state and federal regulations.

### 14. TRANSPORT INFORMATION

Department of Transportation: Not regulated as dangerous goods  
Transportation of Dangerous Goods: Not regulated as dangerous goods

### 15. REGULATORY INFORMATION

US Federal Regulations: This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the IS EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances – Not applicable

FDA: Total Food Additive  
GRAS Food Additive

WHMIS status: Controlled

WHMIS Classification: Class D – Division 2B

State Regulations: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Inventory Name:	Inventory Name:	On inventory:
Canada:	Domestic Substances (DSL)	Yes
Canada:	Non-Domestic Substances (NDSL)	No
US & Puerto Rico:	Toxic Substances Control Act (TSCA)	Yes

### 16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.  
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.