

# SAFETY DATA SHEET

## Sure Step Snow & Ice Melter

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Revision: 11/18/2014  
Supersedes Revision: 04/17/2014

### 1. PRODUCT AND COMPANY IDENTIFICATION

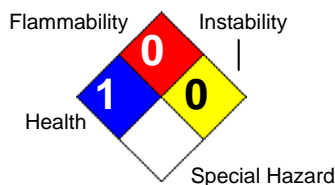
**Product Code:** 910-0050  
**Product Name:** Sure Step Snow & Ice Melter  
**Company Name:** PCS Industries  
7650 West 185th Street  
Tinley Park, IL 60477

**Emergency Contact:** Chemtrec (800)424-9300  
**Information:** Product Related (715)876-6422

### 2. HAZARDS IDENTIFICATION

**GHS Signal Word:**  
**GHS Hazard Phrases:** No phrases apply.  
**GHS Precaution Phrases:** No phrases apply.  
**GHS Response Phrases:** No phrases apply.  
**GHS Storage and Disposal Phrases:** No phrases apply.

**Hazard Rating System:**



**Potential Health Effects (Acute and Chronic):** May cause eye irritation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
7647-14-5	Sodium chloride	80.0 -96.0 %
7791-18-6	Magnesium chloride	4.0 -10.0 %

### 4. FIRST AID MEASURES

#### Emergency and First Aid

**Procedures:** Remove from exposure and move to fresh air immediately.

**In Case of Inhalation:** Get medical aid if cough or other symptoms appear.

**In Case of Skin Contact:** Wash with soap and water. Get medical aid if irritation develops or persists.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing.

**In Case of Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. For further assistance, contact your local Poison Control Center 1-800-222-1222.

## 5. FIRE FIGHTING MEASURES

**Flash Pt:** No data.  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Autoignition Pt:** No data.  
**Suitable Extinguishing Media:** Use extinguishing media appropriate to surrounding fire conditions.  
**Fire Fighting Instructions:** No data available.  
**Flammable Properties and Hazards:** No data available.

## 6. ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Vacuum or sweep up material and place into a suitable disposal container. Dispose of waste according to all applicable regulations.

## 7. HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling.  
**Precautions To Be Taken in Storing:** Keep container tightly closed. Store in a cool, dry, well-ventilated area away from incompatible substances, inaccessible to children and domestic animals.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7647-14-5	Sodium chloride	PEL: PNOR 15 Total 5 Resp. mg/m3	TLV: PNOS 10 Inhalable 3 Resp. mg/m3	No data.
7791-18-6	Magnesium chloride	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** No data available.  
**Eye Protection:** Safety glasses with side-shields conforming to ANSI Z-87.  
**Protective Gloves:** Wear appropriate gloves to prevent skin exposure.  
**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.  
**Engineering Controls (Ventilation etc.):** Use with adequate ventilation.  
**Work/Hygienic/Maintenance Practices:** Wash promptly with soap and water if skin becomes contaminated. Change work clothing daily if there is any possibility of contamination. Wash hands before breaks and at the end of workday.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** [ ] Gas [ ] Liquid [ X ] Solid  
**Appearance and Odor:** No data available.  
**Melting Point:** No data.  
**Boiling Point:** No data.  
**Autoignition Pt:** No data.  
**Flash Pt:** No data.  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Specific Gravity (Water = 1):** No data.  
**Vapor Pressure (vs. Air or mm Hg):** No data.  
**Vapor Density (vs. Air = 1):** No data.  
**Evaporation Rate:** No data.  
**Solubility in Water:** No data.  
**Percent Volatile:** No data.

## 10. STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** No data available.  
**Incompatibility - Materials To Avoid:** Strong acids, Solutions attack some metals in the presence of moisture.  
**Hazardous Decomposition Or Byproducts:** No data available.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** CAS# 7647-14-5: Sodium chloride:  
 Acute toxicity, LD50, Oral, Rat, 3000. MG/KG.  
 Acute toxicity, LD50, Skin, Rabbit, 10000. MG/KG.  
 Acute toxicity, LC50, Inhalation, Rat, 42000. MG/M3, (60 Min).  
 CAS# 7791-18-6: Magnesium chloride:  
 Acute toxicity, LD50, Oral, Rat, 8100. MG/KG.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7647-14-5	Sodium chloride	n.a.	n.a.	n.a.	n.a.
7791-18-6	Magnesium chloride	n.a.	n.a.	n.a.	n.a.

## 12. ECOLOGICAL INFORMATION

**General Ecological Information:** Environmental: No information available.  
 Physical: No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of contents/container in accordance with local/regional/national/international regulations. Recycle container if possible.

### 14. TRANSPORT INFORMATION

**GHS Classification:** No GHS classifications apply.

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:**

**DOT Hazard Class:**

**UN/NA Number:**

### 15. REGULATORY INFORMATION

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7647-14-5	Sodium chloride	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: No; WI Air: No
7791-18-6	Magnesium chloride	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; WI Air: No

### 16. OTHER INFORMATION

**Revision Date:** 11/18/2014

**Additional Information About This Product:** No data available.

**This Product:**

**Company Policy or**

**Disclaimer:**

This Safety Data Sheet (SDS) is to be used as a reference to address the safe handling of the product. All statements, technical information and recommendations contained herein are to the best of our knowledge, reliable and accurate. This SDS is not intended to make any representation as to how the product will perform when used as intended. Nothing in this SDS is intended to be a representation or warranty by the manufacturer with regard to accuracy, safety, usefulness, technical information, materials, techniques, or practices. This product is sold "AS IS" and nothing in this SDS should be deemed to be a representation or warranty of any injury, loss, or damage of any kind sustained by, or arise from, the use of this product.