



**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identity:** SOS™ Polymer

**Recommended use of the chemical and restrictions on use:** De-Icing Performance Additive

**Manufacturer:** EnviroTech Services, Inc.  
910 54<sup>th</sup> Ave, Suite 230  
Greeley, CO 80634

**Telephone:** (970) 346-3900

**Emergency Phone: CHEMTREC: (800) 424-9300**

**SDS Date of Preparation:** 7/18/2017

**2. HAZARDS IDENTIFICATION**

**GHS Classification:**

Physical	Health	Environment
Not Hazardous	Not Hazardous	Not Hazardous

**GHS Label Elements:**

None Required

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS No.	Amount
Proprietary Polymer	Proprietary	Proprietary

The exact concentration is being withheld as a trade secret.

**4. FIRST AID MEASURES**

**Eye:** May cause slight mechanical irritation from acute exposure. Rinse well with eye wash solution or clean water.

**Skin:** Sustained exposure in a dusty manufacturing environment may result in mechanical irritation in the creases of the skin. No health effects known or anticipated. Clean with soap and water.

**Ingestion:** No effects known or anticipated.

**Inhalation:** Exposure to high airborne concentrations may cause mild respiratory irritation due to drying effects of dust. Remove to fresh air.

**Most important Symptoms:** May cause slight eye and skin irritation.

**Indication of immediate medical attention/special treatment:** Immediate medical attention is not required.

## 5. FIRE FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Water spray, dry powder, carbon dioxide or media appropriate for surrounding fire. Use of water jet may cause explosive dust conditions.

**Specific hazards arising from the chemical:** Possibility of dust explosion. Do not allow dust to accumulate on flat surfaces.

**Special Protective Equipment and Precautions for Fire-Fighting Instructions:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Use water spray to cool fire exposed containers.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Wear appropriate protective clothing as described in Section 8. Wash thoroughly after handling.

**Methods and Materials for Containment and Cleaning Up:** Vacuum or sweep up spills. Minimize dust generation. If washing down spilled area is necessary, use copious amounts of water and control runoff. Wet floors with polymer may cause a slip hazard. Report releases as required by local, state, and federal authorities.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with the eyes, skin, and clothing. Avoid breathing dust. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Use with adequate ventilation. Minimize dust generation and accumulation. Do not allow dust to accumulate on flat surfaces.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry place. Store in a tightly closed container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines:

Proprietary Polymer	Nuisance Dust
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**Engineering Controls:** Use with adequate general ventilation to minimize exposures.

**Respiratory Protection:** In operations where exposure levels are excessive, a NIOSH approved respirator with dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin Protection:** Wear impervious gloves such as rubber or neoprene if needed to avoid prolonged skin contact.

**Eye Protection:** Safety glasses recommended. Safety goggles recommended when dumping bags.

**Other:** Long-sleeved clothing and long pants recommended to avoid prolonged skin contact. Suitable washing facilities should be available in the work area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance And Odor:** White powder with low or no odor.

<b>Physical State:</b> Powder	<b>Odor Threshold:</b> Not established
<b>Vapor Density:</b> Not determined	<b>Initial Boiling Point/Range:</b> Not applicable
<b>Solubility In Water:</b> >95% Soluble	<b>Vapor Pressure:</b> Not determined
<b>Relative Density:</b> Not applicable	<b>Evaporation Rate:</b> Not determined
<b>Melting/Freezing Point:</b> Not determined	<b>pH:</b> 4-9
<b>VOC Content:</b> Not determined	<b>Octanol/Water Coefficient:</b> Not determined
<b>Solubility:</b> 95% min.	<b>Decomposition Temperature:</b> Not determined
<b>Viscosity:</b> Not applicable	<b>Flammability (solid, gas):</b> Not applicable
<b>Flashpoint:</b> Not applicable	<b>Autoignition Temperature:</b> > 400°C
<b>Flammable Limits: LEL:</b> Not determined	<b>UEL:</b> Not determined

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not normally reactive

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** Practices which produce dust or disperse finely divided dust in air.

**Incompatible Materials:** Oxidizing agents.

**Hazardous Decomposition Products:** None expected.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH HAZARDS:

**Ingestion:** No effects known or anticipated.

**Inhalation:** Exposure to high airborne concentrations may cause mild respiratory irritation due to drying effects of dust. Classified as a Particulate Not Otherwise Regulated (PNOR) because the ingredients are not known to cause adverse health effects from occupational exposure.

**Eye:** May cause slight irritation with pain and tearing with acute exposure.

**Skin:** May cause slight irritation on prolonged or repeated contact.

**Sensitization:** This material is not known to cause sensitization.

**Chronic:** None known.

**Carcinogenicity:** None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

**Germ Cell Mutagenicity:** In vitro mutagenicity studies were negative; animal mutagenicity studies were negative.

**Reproductive Toxicity:** None currently known.

### Numerical Measures of Toxicity:

Oral LD50 for rats is >10,000 mg/kg.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Product: No data available

**Persistence and Degradability:** Biodegradation is not applicable to inorganic substances.

**Bioaccumulative Potential:** No data available

**Mobility in Soil:** No data available

**Other Adverse Effects:** None known

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state, and federal environmental regulations.

## 14. TRANSPORT INFORMATION

**DOT Hazardous Materials Description:**

Proper Shipping Name: Not regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

## 15. REGULATORY INFORMATION

**CERCLA:** This product is not subject to CERCLA release reporting. Many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

**SARA Hazard Category (311/312):** Refer to Section 2 for OSHA Hazard Classification.

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

**EPA TSCA Inventory:** All of the ingredients in this product are listed on the EPA TSCA Inventory.

**CANADA:**

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

**Canadian CEPA:** All the components of this product are listed on the Canadian DSL.

**Canadian WHMIS Classification:** Not classified as dangerous

**16. OTHER INFORMATION**

**NFPA Rating:** Health = 0      Flammability = 1      Instability = 0  
**HMIS Rating:** Health = 1      Flammability = 0      Physical Hazard = 0

SDS Revision History:

5/15/2014: New SDS  
4/22/2015: Reviewed, no changes required  
4/12/2016: Reviewed, no changes required  
7/18/2017: Reviewed, no changes required

**Disclaimer:** *This Safety Data Sheet (SDS) is provided in response to customer requests to address the safe handling of the product. All statements, technical information and recommendations contained herein are 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 for its intended purpose by a user. In that regards the 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 or nature, which are sustained by or arise from the use of the product. Nothing in this SDS is intended to be a representation or warranty by the manufacturer of the accuracy, safety, or usefulness for any purpose of any technical information, materials, techniques, or practices.*

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