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## PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:**

Product Form: Proprietary Blend

Product Name: Sequest-All Granular

**Common Name:** Blended Polyphosphate/Orthophosphate/ Stabilizer Water Treatment Compound.**SDS Number:** SA-Gran**Revision Date:** 06/03/2016**Version:** 1.0**Product Use:** Mineral Sequestration/Corrosion Inhibitor for Potable and Non-Potable Water Systems.**Manufacturer Address:** SPER Chemical Corporation  
14770-B 62<sup>nd</sup> Street N.  
Clearwater, FL 33760**Emergency:** CHEM-TEL 800-255-3924**Information:** General Questions – 727-535-9033

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## HAZARDS IDENTIFICATION

**Classification of the Substance or Mixture****Classification (GHS-US)**

Not Classified

**Label Elements****GHS-US Labeling**

No labeling applicable

**Other Hazards****Other Hazards Not Contributing to the Classification:** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.**Unknown Acute Toxicity (GHS-US)**

Not Available

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## COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	Product Identifier	% (w/w)	Classification (GHS-US)
Polyphosphoric acid, sodium salts	(CAS No) 68915-31-1	60 - 80	Comb. Dust
Phosphoric acid, monosodium salt	(CAS No) 7558-80-7	15 - 40	Not Classified
Diphosphoric acid, potassium salt	(CAS No) 7732-18-5	10 - 30	Not Classified

A range of concentration as prescribed by Controlled Products Regulations has been used where necessary, due to varying composition. The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

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## FIRST AID MEASURES

**Inhalation:** Move victim to fresh air. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. If signs/symptoms continue, get medical attention.**Skin Contact:** If on skin, wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Remove clothing and wash thoroughly before use

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**Eye Contact:** In case of contact with substance, immediately flush eyes with running water for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Ingestion:** If victim is conscious and alert, give 2-3 glasses of water to drink. Induce vomiting by touching the back of the throat with finger. Do not give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

**Note to Physician:** All treatment should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

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### FIRE FIGHTING MEASURES

**Flammability Classification:** Non Flammable.

**Suitable Extinguishing Media:** Non Combustible. Use extinguishing media suitable for surrounding fire.

**Unsuitable Extinguishing Media:** None known.

**Fire Fighting Instructions:** Wear positive pressure self-contained breathing apparatus (SCBA).

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### ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

**Small Spills:** Sweep or vacuum up and place in an appropriate closed container. Product residuals may be rinsed into the sanitary sewer system.

**Large Spills:** Cover powder/granules with plastic sheet or tarp to minimize spreading. Product residuals may be rinsed into the sanitary sewer system.

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### HANDLING AND STORAGE

**Handling Precautions:** Avoid direct or prolonged contact with skin and eyes. Avoid breathing dust. Keep containers closed when not in use to prevent hygroscopic contamination.

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### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters:**

**Exposure Limits/Guidelines:** No exposure limits were found for this product or any of its ingredients.

**Exposure Controls:**

**Engineering Measures/Controls:** Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Protective goggles, Gloves, Protective clothing.

**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves. Material can cause cuts and abrasion to bare skin.

**Eye Protection:** Wear chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment. May be released or rinsed into the sanitary sewer system.

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### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White Powder, granules.	<b>Physical State:</b>	Solid
<b>Odor:</b>	Nearly odorless	<b>Odor: Threshold:</b>	Not available
<b>pH of 1% solution:</b>	6.3	<b>Melting Point:</b>	500° C+
<b>Freezing Point:</b>	Not available	<b>Boiling Point:</b>	Not available
<b>Flash Point:</b>	Not relevant	<b>Auto-Ignition Temp:</b>	Not available
<b>Decomposition Temp:</b>	Not available	<b>Flammability:</b>	Not available
<b>UFL / LFL:</b>	Not available	<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	Not available	<b>Specific Gravity:</b>	Not relevant
<b>Bulk Density:</b>	82 lb.(2) /ft <sup>3</sup>	<b>Solubility:</b>	Soluble
<b>Viscosity:</b>	Not relevant	<b>Molecular weight:</b>	Not available

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### STABILITY AND REACTIVITY

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Dusting conditions, extreme humidity.

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:** Phosphorus oxides, sodium oxides.

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### TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects:

**Acute Toxicity:** LD50 Oral – rat – 3.5 G/Kg  
LD50 Dermal – rat – 8.2 G/Kg  
LC50 Inhalation – No data available

**Skin Corrosion/Irritation:** (EU/CLP) Not classified (OSHA HCS) Not classified.

**Skin Sensitization:** (EU/CLP) Not classified (OSHA HCS) Not classified.

**Carcinogenic:** This product contains components that are classified as non-carcinogenic.

**Mutagenic:** This product contains components that are classified as non-mutagenic.

#### Potential Health Effects:

**Inhalation:** Exposure to dust may cause irritation.

**Skin:** May cause mild irritation. Flush with water.

**Eye:** May cause irritation. Flush with water. If eye irritation develops, call a physician.

**Ingestion:** Drink large quantities of water, Induce vomiting and call a physician.

**Reproductive Toxicity:** No data available.

**Aspiration Hazard:** No data available.

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### ECOLOGICAL INFORMATION

#### Toxicity:

**Toxicity to fish:** LC50 > 100mg/L 96 hours (Rainbow Trout)  
EC50 > 100mg/L 48 hours (Daphnia magna)

**Persistence and degradability:** No data found for this product.

**Bio-accumulative Potential:** No data found for this product.

**Mobility in soil:** No data found for this product

**Results of PBTand vPvB assessment:** No Data

**Other adverse effects:** No data available

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### DISPOSAL CONSIDERATIONS

**Product Waste:** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging Waste:** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

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### TRANSPORT INFORMATION

**US DOT:** Not Regulated

**IMO/IMDG:** Not Regulated

**TGD:** Not Regulated

**IATA/ICAO:** Not Regulated

**DSL:** All components are listed on the DSL list.

**CIDL:** None of the components in this product are listed on the Canadian Ingredient Disclosure List.

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### REGULATORY INFORMATION

**US Federal Regulations:**

All ingredients are listed on the United States TSCA (Toxic Substances Control Act) inventory. Neither this product nor any of its components appear on any U. S. states lists.

**Canadian Regulations:**

All ingredients are listed on the Canadian DSL (Domestic Substances List)

### NOTICE

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