

# SULFATE OF POTASH

## MATERIAL SAFETY DATA SHEET

### I MANUFACTURER INFORMATION

Plant Science Inc. Phone 1-866-499-0659  
2934 Vandorf Sideroad, Gormley, ON, L0H 1G0

**Product Name:** Sulfate of Potash

**EPA Reg. No.** None

**Chemical Family:** Inorganic salt

**Synonyms:** Potassium sulfate

### II INFORMATION ON INGREDIENTS

	CAS-No.	PEL-OSHA	TLV-ACIGH
Potassium Sulfate (K <sub>2</sub> O) 53% (nuisance dust) PNOR	7778-80-5	Not hazardous Total dust 15 mg/m <sup>3</sup> Respirable 5 mg/m <sup>3</sup>	

### III Physical/CHEMICAL DATA

Boiling point: NA	Specific gravity: 2.7
Vapor pressure (mm Hg) NA	Melting point: 1067°F
Vapor density(air=1) NA	Evaporation rate: NA
Solubility in water: 1 gm/ 8.3ml	Appearance: solid, reddish brown, white, no odor

### IV FIRE AND EXPLOSION DATA

Flash Point: NA Flammable limits NA  
Extinguishing Media; Not flammable:  
Special fire fighting procedures: None. Procedures for surrounding materials.  
Unusual fire and explosion hazards: none

### V REACTIVITY DATA

Stability: stable Conditions to avoid: none incompatibility none  
Hazardous decomposition products none under normal conditions, SO<sub>3</sub> at extremely high temperatures  
Hazardous polymerization: will not occur.

### VI HEALTH HAZARD DATA

Health effects (acute and chronic) none expected  
Swallowing large doses would cause severe GI irritation.  
CARCINOGENICITY: NTP, IARC, or OSHA NA  
Medical conditions generally aggravated by exposure. none

### VII FIRST AID

**INHALATION:** Move subject to fresh air. If discomfort continues get medical assistance.

**EYE CONTACT:** EYE Exposure: Flush eyes a gentle stream of clean water for at least 15 minutes. Hold eye lids apart to ensure washing underside of lids. Remove contact lenses while rinsing. Get medical attention if irritation continues.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin with large amount of water for 15 minutes.. Get medical attention if irritation develops or persists.

**INGESTION:** If swallowed: If patient is conscious and can swallow, give 2 glasses of water to drink. Do not induce vomiting. If vomiting occurs, give fluids again. Get immediate medical assistance. Do not give anything by mouth to an unconscious or convulsing person..

### VIII SPILL OR LEAK PROTECTION

Steps To Be Taken If Spilled: Sweep up and shovel into secure labeled container for disposal or use. Avoid unnecessary dust.

Waste Disposal: Residue that can not be used as fertilizer should be disposed of according to local, State, and Federal regulations.

## **SULFATE OF POTASH MSDS**

### **IX EXPOSURE CONTROL**

Avoid unnecessary contact. Recommended personal protection for the use of this product are Clean body covering work clothing, impervious gloves, and safety glasses with side shields.

If used indoors control dust with local exhaust/mechanical ventilation. Exposure to this product should not require need for a respirator, Under dusty conditions when exposure levels for nuisance dust are exceeded, use a MSHA/NIOSH respirator as required for dust.

### **X TRANSPORTATION**

US DOT Hazard Class                      Non-Regulated  
Freight classification      Sulfate, LTL      NMFC 45910

### **XI REGULATORY INFORMATION**

This product is considered non-hazardous under OSHA Hazard Communication standard (29CFR 1910-1200)

Sara title III: Section 311/312 not covered by Title III of SARA.

Sara title III: section 313 This product does not contain a chemical listed in section 313 at or above de minimis concentration.

CERCLA: This product contains no hazardous or extremely hazardous as defined by CERCLA or SARA III.

This information relates solely to the designated product and is not inclusive for combinations with other materials. This information is given without warranty or representation. Information is based on data we believe to be correct as of the date hereof. This information is furnished solely for your consideration, investigation, and verification. Before using any product READ THE LABEL.