



# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT IDENTIFICATION AND USE

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<b>PRODUCT IDENTIFIER:</b>	SULPHATE OF POTASH (0-0-50)		
<b>PRODUCT USE:</b>	Fertilizer	<b>SUPPLIER'S NAME:</b>	Agrisol Manufacturing Inc.
<b>ADDRESS:</b>	220 – 7565, 132 Street Surrey, BC, V3Z 1K7, Canada		
<b>Emergency Phone No:</b>	1(604)805-2417		

## SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES & ROUTE)
Potassium Sulfate	7778-80-5	LD <sub>50</sub> (oral rat) 6600 mg/Kg

## SECTION 3 – PHYSICAL DATA

<b>PHYSICAL STATE:</b>	Solid	<b>ODOUR &amp; APPEARANCE</b>	Odorless, white granular or powder
<b>ODOUR THRESHOLD (ppm):</b>	NAV	<b>VAPOUR PRESSURE (mm Hg): @ 20°C</b>	NAV
<b>DENSITY:</b>	2.66	<b>VAPOR DENSITY (g/cc)</b>	NAV
<b>pH:</b>	Ca. 7	<b>EVAPORATION RATE: (Butyl Acetate =1.0)</b>	NAV
<b>MELTING POINT/ (°C)</b>	1067 °C (1953°F)	<b>SOLUBILITY (in water):</b>	Soluble in water
<b>BOILING POINT</b>	1689°C (3072°F)	<b>SPECIFIC GRAVITY</b>	NAV

## SECTION 4 – FIRE AND EXPLOSION DATA

<b>FLAMMABLE:</b>	Non-flammable and not considered to be a fire hazard.		
<b>IF YES, UNDER WHAT CONDITIONS?</b>	NAP		
<b>MEANS OF EXTINCTION:</b>	Use any means suitable for extinguishing surrounding fire.		
<b>SPECIAL PROCEDURES:</b>	Use protective clothing's and breathing equipment appropriate for the surrounding fire.		
<b>FLASHPOINT (°C) &amp; METHOD:</b>	NAV	<b>AUTOIGNITION TEMPERATURE (°C)</b>	NAV
<b>LOWER FLAMMABLE LIMIT (% by volume):</b>	NAV	<b>UPPER FLAMMABLE LIMIT (% by volume):</b>	NAV
<b>SENSITIVITY TO IMPACT:</b>	NAV	<b>SENSITIVITY TO STATIC DISCHARGE:</b>	NAV
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur		

## SECTION 5 – REACTIVITY DATA

<b>CHEMICAL STABILITY:</b>	Stable under normal conditions.		
<b>INCOMPATIBILITY:</b>	Aluminum and magnesium	<b>CORROSIVE BEHAVIOUR:</b>	NAV
<b>REACTIVITY AND UNDER WHAT CONDITIONS:</b>	NAV		

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**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of sulfur and potassium

## SECTION 6 – TOXICOLOGICAL PROPERTIES

**ROUTES OF ENTRY:**

<b>SKIN CONTACT:</b>	Yes	<b>SKIN ABSORPTION:</b>	Yes	<b>EYE CONTACT:</b>	Yes	<b>INHALATION:</b>	Yes	<b>INGESTION:</b>	Yes
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**EFFECTS OF ACUTE EXPOSURE TO PRODUCT:** Not expected to be health hazard. Potassium poisoning may occur in rare case of long exposure or ingestion.

**INGESTION:** Large oral dosages may produce gastrointestinal disturbances and irritation.

**INHALATION:** Possible nuisance dust effect, sneezing or coughing.

**EYE CONTACT:** No adverse effect expected but dust may cause mechanical irritation.

**SKIN CONTACT:** Not expected to be a health hazard from skin exposure.

**EFFECTS OF CHRONIC EXPOSURE:** Not expected to be a health hazard. Potassium poisoning may occur in rare cases of long exposure or ingestion.

**EXPOSURE STANDARDS:** NAV

**CARCINOGENICITY:** Not known

**REPRODUCTIVE HAZARD:** NAV

<b>IRRITANCY:</b>	May be to sensitive skin.	<b>SENSITIZATION:</b>	May be to sensitive skin.
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**SYNERGISTIC PRODUCTS:**

## SECTION 7 – PREVENTIVE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:**

**Respiratory Protection:** Use approved NIOSH respirators where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be wear. If oil particles are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. *AIR-PURIFYING* respirators do not protect workers in oxygen deficient atmospheres.

**Eye Protection:** Use safety glasses. Maintain eye wash fountain and quick-drench facilities near work.

**Skin Protection:** Wear protective gloves and clean body-covering clothing.

**ENGINEERING CONTROLS:** Generally dilution ventilation is satisfactory. In case workers feel uncomfortable, a local exhaust system should be considered.

**HANDLING PROCEDURES:** Keep in tightly closed container in dry, cool and ventilated area. Protect against physical damage. Containers may be hazardous when empty since they retain product residues (dust, solids); observe all warning and precautions listed for the product.

**STORAGE REQUIREMENTS:** Keep container tightly closed in dry, cool and ventilated area.

**LEAK AND SPILL PROCEDURE:** Ventilate the area. Wear appropriate personal protective equipment. Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust generation.

**WASTE DISPOSAL:** Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. Dispose of container and used contents in accordance with federal, provincial or local requirements.

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## SECTION 8 – FIRST AID MEASURES

<b>INHALATION:</b>	Remove to fresh air. Get medical attention for any breathing problem.
<b>SKIN CONTACT:</b>	Wash exposed with soap and water. Get medical attention if irritation develops.
<b>EYE CONTACT:</b>	Wash eyes immediately with plenty of water. Get medical attention if irritation persists.
<b>INGESTION:</b>	If large amounts were swallowed, give water to drink and get medical advice.

## SECTION 9 – DEPARTMENT OF TRANSPORTATION

### SHIPPING INFORMATION

**US and Canada:** Not regulated

**International Shipping:** Not regulated

**TDG:** Not regulated.

**IATA:** Not regulated

## SECTION 10 – PREPARATION DATE OF MSDS

**PREPARED BY:** Agrisol Manufacturing Inc.  
220 – 7565, 132 Street  
Surrey, BC,  
V3Z 1K7, Canada

### ADDITIONAL INFORMATION:

At the time of preparation, the information and data contained in this MSDS are believed to be accurate and have been compiled from sources that are believed to be reliable.

**BUSINESS NUMBER:** 604-805-2417

**DATE:** October, 2015