

SECTION 1 – PRODUCT IDENTIFICATION AND USE

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PRODUCT IDENTIFIER: SULPHATE OF POTASH (0-0-50)

PRODUCT USE: Fertilizer **SUPPLIER'S NAME:** Greentek Fertilizer Inc..

ADDRESS: 202-27090, Gloucester Way
Adergrove, BC
V4W 3Y5, Canada

Emergency Phone No: 1 (604) 857 0300

SECTION 2 – HAZARDOUS INGREDIENTS

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

SECTION 3 – PHYSICAL DATA

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

SECTION 4 – FIRE AND EXPLOSION DATA
FLAMMABLE: Non-flammable and not considered to be a fire hazard.

IF YES, UNDER WHAT CONDITIONS? NAP

MEANS OF EXTINCTION: Use any means suitable for extinguishing surrounding fire.

SPECIAL PROCEDURES: Use protective clothing's and breathing equipment appropriate for the surrounding fire.

FLASHPOINT (°C) & METHOD:	NAV	AUTOIGNITION TEMPERATURE (°C)	NAV
LOWER FLAMMABLE LIMIT (% by volume):	NAV	UPPER FLAMMABLE LIMIT (% by volume):	NAV
SENSITIVITY TO IMPACT:	NAV	SENSITIVITY TO STATIC DISCHARGE:	NAV

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 5 – REACTIVITY DATA
CHEMICAL STABILITY: Stable under normal conditions.

INCOMPATIBILITY:	Aluminum and magnesium	CORROSIVE BEHAVIOUR:	NAV
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REACTIVITY AND UNDER WHAT CONDITIONS: NAV

MATERIAL SAFETY DATA SHEET

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HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of sulfur and potassium

SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY:

SKIN CONTACT:	Yes	SKIN ABSORPTION:	Yes	EYE CONTACT:	Yes	INHALATION:	Yes	INGESTION:	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

IRRITANCY: May be to sensitive skin.

SENSITIZATION: May be to sensitive skin.

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

INHALATION:	Remove to fresh air. Get medical attention for any breathing problem.
SKIN CONTACT:	Wash exposed with soap and water. Get medical attention if irritation develops.
EYE CONTACT:	Wash eyes immediately with plenty of water. Get medical attention if irritation persists.
INGESTION:	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: Greentek Fertilizer Inc.
202-27090, Gloucester Way
Adergrove, BC
V4W 3Y5, 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: 1 (604) 857 0300

DATE: October, 2015