



MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE

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PRODUCT IDENTIFIER: All Purpose Food 4-3-9

PRODUCT USE: Organic Plant Food **SUPPLIER'S NAME:** Same as manufacturer

MANUFACTURER'S NAME: BioFert Manufacturing Inc. **ADDRESS:** Same as manufacturer

ADDRESS: Unit 207-27353-58 Crescent, Langley, BC, V4W 3W7

Emergency Phone No: 1(866) 246-3378

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES & ROUTE)
Potassium Sulphate	7778-80-5	LD ₅₀ (Rat Oral) > 6600 mg/Kg
Rock Phosphate	7758-87-4	NAV
Calcium Lime	1317-65-3	LD ₅₀ (rat, oral) 6450 mg/kg
Dolomite	16389-88-1	NAV

SECTION 3 – PHYSICAL DATA

PHYSICAL STATE:	Solid	ODOUR & APPEARANCE	Odourless, Granular
ODOUR THRESHOLD (ppm):	NAV	VAPOUR PRESSURE (mmHg):	NAV
VAPOUR DENSITY (air=1):	NAP	BULK DENSITY:	NAV
pH:	NAP	BOILING POINT (°C)	NAP
FREEZING POINT (°C)	NAV	EVAPORATION RATE:	NAP
COEFF. WATER/OIL DIST	NAV	SOLUBILITY (in water):	Slightly Soluble

SECTION 4 – FIRE AND EXPLOSION DATA

FLAMMABLE: No

IF YES, UNDER WHAT CONDITIONS? Even though product is not combustible, it can contribute to combustion as a source of fuel.

MEANS OF EXTINCTION: Water spray or fog, foam, Carbon dioxide or halon

SPECIAL PROCEDURES: If possible remove containers from fire area without risk. Spray water from as far a distance as possible.

FLASHPOINT (°C) & METHOD:	NAV	AUTO IGNITION TEMPERATURE (°C)	NAP
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LOWER FLAMMABLE LIMIT (% by volume):	NAP	UPPER FLAMMABLE LIMIT (% by volume):	NAP
SENSITIVITY TO IMPACT:	Some evidence	SENSITIVITY TO STATIC DISCHARGE:	No evidence
HAZARDOUS COMBUSTION PRODUCTS:	NAP		

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY:	Stable under normal conditions		
INCOMPATIBILITY:	NAV	CORROSIVE BEHAVIOUR:	NAV
REACTIVITY AND UNDER WHAT CONDITIONS:	Keep away from ignition sources, shock, water/moisture, heat and incompatible materials.		
HAZARDOUS DECOMPOSITION PRODUCTS:	See hazardous combustion products (Section 4).		

SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY:									
SKIN CONTACT:	Yes	SKIN ABSORPTION:	Yes	EYE CONTACT:	Yes	INHALATION:	No	INGESTION:	Yes
EFFECTS OF ACUTE EXPOSURE TO PRODUCT:									
INGESTION:	Ingestion of large amounts may cause gastrointestinal irritation characterized by abdominal cramps, nausea, vomiting and bloody diarrhea. Ingestion may also cause headaches, laboured breathing, confusion, dizziness, convulsions and collapse.								
INHALATION:	NAP								
EYE CONTACT:	May cause eye irritation.								
SKIN CONTACT:	Prolong contact may be irritating or may abrade hands.								
EFFECTS OF CHRONIC EXPOSURE:									
Irritation of eyes and skin									
EXPOSURE STANDARDS:									
MUTAGENICITY:	No Evidence								
REPRODUCTIVE HAZARD:	No Evidence			TERATOGENICITY:	No Evidence				
IRRITANCY:	Yes			SENSITIZATION:	Yes				
SYNERGISTIC PRODUCTS:	NAV								

SECTION 7 – PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:	<p>Hands wear: Water resistant rubber type gloves (latex, nitrile, PVC).</p> <p>Respirator: Wear- NIOSH approved filter cartridge to remove/avoid inhalation of vapours.</p> <p>Eye: Wear goggles,</p> <p>Footwear: Work boot/rubber boots.</p> <p>Clothing: Long sleeve and pants - no special clothing required.</p>
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ENGINEERING CONTROLS:	General mechanical ventilation is adequate, minimize dust generation.
HANDLING PROCEDURES:	Do not handle unless safety precaution have been read and understood, avoid eye and skin contact. Avoid inhalation of dust or vapours. Do not puncture, drag or slide container.
STORAGE REQUIREMENTS:	Store in cool, dry area and well ventilated area. Keep container closed.
LEAK AND SPILL PROCEDURE:	Wear necessary personal protective equipment during clean-up, vacuum; avoid creating dust, Place in properly labeled containers for later disposal.
WASTE DISPOSAL:	Disposal in accordance Federal, Provincial & Municipal waste regulations.

SECTION 8 – FIRST AID MEASURES

INHALATION:	Move victim to fresh air. Give artificial respiration ONLY if breathing has stopped, assist breathing with oxygen. Obtain medical assistance immediately.
SKIN CONTACT:	Remove contaminated clothing. Wash affected area with water for a minimum of 15 minutes. Obtain medical attention if irritation or redness persists.
EYE CONTACT:	Flush eyes thoroughly while holding both upper and lower eye lids for a minimum of 15 minutes. Obtain medical attention.
INGESTION:	Do not attempt to give anything by mouth to unconscious victim. If victim is alert and not convulsing, rinse mouth and give water to dilute material. Do not induce vomiting. If vomiting occurs, have victim lean forward with head down to avoid breathing in vomit, rinse mouth. Obtain medical attention immediately.

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: BioFert Manufacturing Inc	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.
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BUSINESS NUMBER: 604-607-1344**DATE:** January, 2014