

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: Blossom Blaster – Red Granular Powder	
PRODUCT USE: Fertilizer –WHMIS CLASSIFICATION: Not WHMIS Controlled	
MANUFACTURER'S NAME: Grotek Manufacturing Inc.	SUPPLIER'S NAME: Grotek
STREET ADDRESS: #284, 505-210 th Street, Langley, BC V1M 2Y2	STREET ADDRESS: #284, 505-210 th Street, Langley, BC V1M 2Y2
IN CASE OF EMERGENCY: (604) 882-7686	

SECTION 2 – HAZARDOUS INGREDIENTS

Non - HAZARDOUS INGREDIENTS	%	CAS #	LD50 OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC50 OF INGREDIENT (SPECIFY SPECIES)
Mono Potassium Phosphate	60-100	7778-77-0	NAV	NAP

Health effects data presented are precautionary.
Toxicological properties do not exceed WHMIS classification criteria

SECTION 3 – PHYSICAL DATA

PHYSICAL STATE:	ODOUR & APPEARANCE: Red Granular Powder odourless			
	ODOUR THRESHOLD (ppm): NAV			
VAPOUR PRESSURE: (mmHg) NAV	VAPOUR DENSITY: (Air=1) NAV	EVAPORATION RATE: NAV	BOILING POINT: (°C) NAV	FREEZING POINT: (°C) NAV
pH: 4.2-4.7	SPECIFIC GRAVITY: 1.1-1.3	COEFF. WATER/OIL DIST. NAV		SOLUBILITY: 226g/l in water @20°C

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY: Not flammable

IF YES UNDER WHAT CONDITIONS?

MEANS OF EXTINCTION: For fires involving this product, water, fog, carbon dioxide, foam or dry chemical may be used

SPECIAL PROCEDURES: Water based product. Treat surrounding fire

FLASHPOINT (°C) AND METHOD: NAP	UPPER FLAMMABLE LIMIT (% BY VOLUME): NAP	LOWER FLAMMABLE LIMIT: (% BY VOLUME): NAP
AUTOIGNITION TEMPERATURE (C) NAP	HAZARDOUS COMBUSTION PRODUCTS: phosphorous oxides and nitrogen oxides maybe released in a fire	

EXPLOSION DATA » SENSITIVITY TO IMPACT: NAP SENSITIVITY TO STATIC DISCHARGE: NAP

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY: Stable under normal condition of use. Avoid excessive heat

INCOMPATIBILITY: Avoid contact with strong oxidizing agents & strong bases CORROSIVE BEHAVIOUR: not-corrosive

REACTIVITY AND UNDER WHAT CONDITIONS: NAV

HAZARDOUS DECOMPOSITION PRODUCTS: Phosphorous oxides and nitrogen oxide,

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SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN CONTACT: Yes—SKIN ABSORPTION: No EYE CONTACT: No—INHALATION: No—INGESTION: Yes

EFFECTS OF ACUTE EXPOSURE TO PRODUCT:

Ingestion – may cause diarrhea, nausea, vomiting, cramps and burns to the mouth and throat if large amounts are ingested

Inhalation – Dust and mist may be irritating to the nose and throat, causing coughing and choking

EFFECTS OF CHRONIC EXPOSURE: irritation of skin, respiratory tract

EXPOSURE LIMITS: NAV

SYNERGISTIC PRODUCTS: NAV	IRRITANCY: NAV	SENSITIZATION: NAV	CARCINOGENICITY: NAV
TERATOGENICITY: NAV	REPRODUCTIVE HAZARD: NAV	MUTAGENICITY: NAV	

SECTION 7 – PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Hands: wear water resistant rubber (latex, butyl), or plastic gloves (PVC), Respirator: wear NIOSH approved chemical cartridge filter to remove dust particles if product application is dusty. Eye – wear goggles, Footwear: work boots/rubber boots, clothing – long sleeve and pants.

ENGINEERING CONTROLS: General mechanical ventilation is adequate, avoid splashing.

LEAK AND SPILL PROCEDURE: Wear recommended personal protective equipment during clean-up. Small quantities of liquid waste may be flushed to drain.

WASTE DISPOSAL: Disposal in accordance Federal, Provincial & Municipal waste regulations.

HANDLING PROCEDURES AND EQUIPMENT: Do not handle unless safety precaution have been read and understood, avoid eye and skin contact. Avoid inhalation of mist or aerosol. Do not puncture, drag or slide container.

STORAGE REQUIREMENTS: Store in cool, dry area and well ventilated area. Avoid storage on wood floors, Separate from combustibles, organic or other readily oxidizerable materials, including acids, alkalis, reducing agents. Keep container closed.

SPECIAL SHIPPING INFORMATION: Not regulated for transport in Canada

SECTION 8 – FIRST AID MEASURES

EYE CONTACT: Flush eyes thoroughly while holding both upper and lower eye lids for a minimum of 15 minutes. Obtain medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash affected area with water for a minimum of 15 minutes. Obtain medical attention if irritation or redness persists.

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 without physician's direction. If vomiting occurs, have victim lean forward with head down to avoid breathing in vomit, rinse mouth. Obtain medical attention immediately.

SECTION 9 – PREPARATION DATE OF MSDS

PREPARED BY: BC Research Inc Occupational Environmental Risk Management Group	BUS NUMBER: -604-224-4331	ADDITIONAL INFORMATION: The information and data contained in this MSDS have been compiled from sources that are believed to be reliable
DATE: July 11, 2001		