



MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE

Page 1 of 3

PRODUCT IDENTIFIER: Blood Meal 12-0-0

PRODUCT USE: Plant Food

SUPPLIER'S NAME: BioFert Manufacturing Inc.

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)
Does not contain any hazardous ingredients.		

SECTION 3 – PHYSICAL DATA

PHYSICAL STATE:	Solid	ODOUR & APPEARANCE	Slightly meat aroma. Fine, dark reddish-brown coloured powder
ODOUR THRESHOLD (ppm):	NAV	VAPOUR PRESSURE (mmHg):	NAV
VAPOUR DENSITY (air=1):	NAP	BULK DENSITY:	35 lb/ft ³
pH:	NAP	SPECIFIC GRAVITY:	NAP
FREEZING POINT (°C)	decomposes	EVAPORATION RATE:	NAP
COEFF. WATER/OIL DIST	NAV	SOLUBILITY (in water):	Partially Soluble

SECTION 4 – FIRE AND EXPLOSION DATA

FLAMMABLE: Not Applicable

MEANS OF EXTINCTION: Carbon dioxide, Dry chemicals

SPECIAL PROCEDURES: NAP

UNUSUAL FIRE FIGHTING EXPLOSION PROCEDURES As with any organic dust, may be explosive if mixed with air in critical proportions. Maintain normal good housekeeping practices.

FLASHPOINT (°C) & METHOD:	NAV	AUTO IGNITION TEMPERATURE (°C)	NAP
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MATERIAL SAFETY DATA SHEET

LOWER FLAMMABLE LIMIT (% by volume):	NAP	UPPER FLAMMABLE LIMIT (% by volume):	NAP
SENSITIVITY TO IMPACT:	No evidence	SENSITIVITY TO STATIC DISCHARGE:	No evidence

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY:	Stable under normal conditions		
INCOMPATIBILITY:	Not Found.	CORROSIVE BEHAVIOUR:	NAV
REACTIVITY AND UNDER WHAT CONDITIONS:	Keep away from ignition sources, shock, water/moisture, heat and incompatible materials.		
HAZARDOUS DECOMPOSITION PRODUCTS:	Not Found.		
HAZARDOUS POLYMERIZATION	Will Not Occur		

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 OVEREXPOSURE:	
Unknown, May be Irritation to skin and eyes.	

EXPOSURE STANDARDS:			
MUTAGENICITY:	No Evidence		
REPRODUCTIVE HAZARD:	Evidence in Rats	TERATOGENICITY:	No Evidence
IRRITANCY:	May be too sensitive skin	SENSITIZATION:	May be too sensitive skin
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- NOSH/MASH approved respiratory mask.</p> <p>Eye: Wear goggles.</p> <p>Footwear: Wear work boot/rubber boots.</p> <p>Clothing: Long sleeve and pants - no special clothing required.</p>
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MATERIAL SAFETY DATA SHEET

Page 3 of 3

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:	Flush away with water and detergent. Wear necessary personal protective equipment during clean-up.
WASTE DISPOSAL:	Disposal in accordance Federal, Provincial & Municipal waste regulations.

SECTION 8 – FIRST AID MEASURES*Possible allergen to those allergic to bovine or porcine products*

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

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.

BUSINESS NUMBER: 604-607-1344**DATE:** January, 2014