

**INTERNATIONAL MULCH COMPANY, INC.
BURPEE ORGANIC BLOOD MEAL PLANT FOOD**

MSDS DATE: 09/04/2015

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BURPEE ORGANIC BLOOD MEAL PLANT FOOD
SYNONYMS: Blood Meal, Dehydrated Blood Meal NA
PRODUCT CODES:
MANUFACTURER: International Mulch Company, Inc.
DIVISION: N/A
ADDRESS: 182 NW Industrial Ct.
Bridgeton MO. 63044
314-336-1030
EMERGENCY PHONE: N/A
CHEMTREC PHONE: 866-936-8524
OTHER CALLS: 816-396-2767
FAX PHONE:
CHEMICAL NAME: N/A
CHEMICAL FAMILY: PROTEIN SUPPLEMENT
CHEMICAL FORMULA: N/A
PRODUCT USE: Animal Feed Ingrident AND a High Nitrogen Fertilizer
PREPARED BY: Tom Miller

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Contains no HAZARDOUS COMPONENTS as described in the HAZARDS COMMUNICATIONS STANDARD

COMPONENTS:	Crude Protein (min)	80%
	Crude Fat (max)	.9%
	Crude Fiber (max)	3%
	Moisture (max)	12%
	Amino Acids Available	80-90%

CAS NO.
N/A

SARA313 REPORTABLE N/A

OSHA PEL-TWA:
OSHA PEL STEL :
OSHA PEL CEILING:

ACGIH TLV-TWA:
ACGIH TLV STEL:
ACGIH TLV CEILING:

SECTION 2 NOTES: Contains no HAZARDOUS COMPONENTS as described in the HAZARDS COMMUNICATIONS STANDARD

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Contains no HAZARDOUS COMPONENTS as described in the HAZARDS COMMUNICATIONS STANDARD

ROUTES OF ENTRY: N/A

POTENTIAL HEALTH EFFECTS

EYES: N/A

SKIN: N/A

INGESTION: N/A

INHALATION: N/A

ACUTE HEALTH HAZARDS: N/A

CHRONIC HEALTH HAZARDS: N/A

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MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

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CARCINOGENICITY
OSHA: NONE ACGIH: NONE NTP: NONE IARC: NONE
OTHER:

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: FLUSH MATERIAL WITH WATER OR BUFFERED EYE SOLUTION

SKIN: WASH WITH SOAP AND WATER

INGESTION: NO FIRST AID REQUIRED

INHALATION: NO FIRST AID REQUIRED

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT:

F: DECOMPOSES

C:

METHOD USED: N/A

AUTOIGNITION TEMPERATURE: N/A

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

OTHER: ,

HMIS HAZARD CLASSIFICATION

HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0

PROTECTION: LEVEL D

EXTINGUISHING MEDIA: TYPE A OR B DRY CHEMICAL EXTINGUISHER

SPECIAL FIRE FIGHTING PROCEDURES: OSHA HAS NOT DEEMED BLOOD MEAL TO BE A COMBUSTIBLE DUST BUT CAUTION SHOULD BE TAKEN IF FIRE EXIST IN AREAS WHERE MODERATE QUANTITIES OF BLOOD MEAL DUST HAS ACCUMULATED

REFERENCE: OSHA Hazard Information Bulletin(1): Fire and Explosion Hazards Associated with Dried Beef Blood dated, June 1996.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION 5 NOTES:

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SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: GENERAL

CLEANING

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: ALL STORAGE AREAS AND ASSOCIATED MECHANICAL HANDLING EQUIPMENT SHOULD BE KEPT CLEAN FROM DUST ACCUMULATION

OTHER PRECAUTIONS: NONE

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: AVOID SPILLAGE

VENTILATION: VENTILATE BINS BEFORE ENTERING

RESPIRATORY PROTECTION: AVOID BREATHING LARGE QUANTITIES OF DUST

EYE PROTECTION: NOT REQUIRED BUT SAFETY GLASSES RECOMMENDED

SKIN PROTECTION: NOT REQUIRED BUT GLOVES RECOMMENDED

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: STANDARD CLOTHING COVERAGE

WORK HYGIENIC PRACTICES: STANDARD HYGIENE PRACTICES

EXPOSURE GUIDELINES: NONE

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: FINE / REDDISH TO DARK BROWN

ODOR: CHARACTERISTIC ODOR / BURNT ORGANIC MATTER

PHYSICAL STATE: FINE GRANULOSE 98% TO PASS THROUGH TYLER #10 SCREEN

pH AS SUPPLIED: NA

pH (Other):

BOILING POINT: DECOMPOSES

F:

C:

MELTING POINT: DECOMPOSES

F:

C:

FREEZING POINT: UNKNOWN

F:

C:

VAPOR PRESSURE (mmHg): N/A

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F:

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C:
VAPOR DENSITY (AIR= 1): N/A

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F:
C:
SPECIFIC GRAVITY (H2O = 1): 0.40 (avg)

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F:
C:
EVAPORATION RATE: 0

BASIS (=1):

SOLUBILITY IN WATER: PARTIAL TO COMPLETELY SOLUBLE IN WATER

PERCENT SOLIDS BY WEIGHT: = BB%

PERCENT VOLATILE: N/A
BY WT/ BY VOL@

F:
C:
VOLATILE ORGANIC COMPOUNDS (VOC): N/A

WITH WATER: LBS/GAL
WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT: N/A
VISCOSITY: N/A

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F:
C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: STABLE

CONDITIONS TO AVOID (STABILITY): NONE

INCOMPATIBILITY (MATERIAL TO AVOID): NONE

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID (POLYMERIZATION): NONE

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: NO HAZARDOUS COMPOUNDS

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NONE

SECTION 12 NOTES:

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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: CONTAIN, COLLECT AND DISPOSE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

RCRA HAZARD CLASS: N/A

SECTION 13 NOTES: CONTACT TRIUMPH FOODS IN THE EVENT THERE IS A VERY LARGE TRANSPORTATION OR STORAGE SPILL TO DISCUSS POSSIBLE RECYCLE OPTIONS.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION N/A

PROPER SHIPPING NAME:
HAZARD CLASS:
IDNUMBER:
PACKING GROUP:
LABEL STATEMENT:

WATER TRANSPORTATION N/A

PROPER SHIPPING NAME:
HAZARD CLASS:
IDNUMBER:
PACKING GROUP:
LABEL STATEMENTS:

AIR TRANSPORTATION N/A

PROPER SHIPPING NAME:
HAZARD CLASS:
IDNUMBER:
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES: OPEN TRAILERS REQUIRE TARP ENCLOSURE

SECTION 15: REGULATORY INFORMATION N/A

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION NONE

OTHER INFORMATION:

PREPARATION INFORMATION:

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