



Safety Data Sheet

Product Identifier – Blood Meal


Section 1:

PRODUCT AND COMPANY INFORMATION

<i>Company Name and Address</i>	
<i>Division</i>	
<i>Company Phone Number</i>	
<i>Chemical Emergency</i>	1-888-362-7416
<i>Product Name</i>	Blood Meal
<i>Product Code</i>	NÄ
<i>Recommended use or restrictions</i>	Dehydrated Pork or Beef Blood; Not for human consumption.

Section 2:

HAZARDS IDENTIFICATION

<i>GHS CLASSIFICATION</i>	Respiratory Irritation Category 3 Eye irritation Category 2B Combustible Dust
<i>SIGNAL WORD</i>	Warning
<i>PICTOGRAMS</i>	
<i>HAZARD STATEMENT</i>	H335 May cause respiratory irritation H320 Causes eye irritation May form combustible dust concentrations in air
<i>PRECAUTIONARY STATEMENT</i>	<p>Prevention:</p> <p>P261 Avoid breathing dust P280 Wear eye protection P264 Wash thoroughly after handling P241 Use electrical equipment suitable for Class II locations. Dust may create a flash hazard or explosion if suspended in air and exposed to an ignition source. Avoid accumulations of dust on surfaces and minimize dust generation during handling and contact.</p> <p>Response:</p> <p>P308 + P315 If exposed or concerned Get medical advice / attention. P305 + P351 If in eyes Rinse cautiously with water for several minutes. P337 + P313 If eye irritation persists: Get medical advice / attention</p>



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Storage: NA

Disposal: NA

POTENTIAL ENVIRONMENTAL EFFECTS

NA

Section 3:

Composition/Information on Ingredients

CHEMICAL NAME	COMMON NAME	CAS NUMBER	% BY WEIGHT
Blood Meal	Blood Meal	None	100

Section 4:

FIRST AID MEASURES

EYE CONTACT	If in eyes rinse cautiously with water for several minutes
SKIN CONTACT	Wash skin thoroughly after handling
INHALATION	Move to fresh air and seek medical attention if conditions persist
INGESTION	Not an expected route of exposure.
NOTE TO PHYSICIANS	NA



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Section 5:

FIRE FIGHTING MEASURES	
<i>FLAMMABLE PROPERTIES</i>	Combustible particulates if suspended in the air.
<i>SUITABLE EXTINGUISHING MEDIA</i>	Extinguish fires with water, dry chemical powder or foam. Do not use high pressure streams of water or chemical that would disperse dust into the air.
<i>UNSUITABLE EXTINGUISHING MEDIA</i>	N/A
<i>PRODUCTS OF COMBUSTION</i>	Oxides of carbon
<i>PROTECTION OF FIREFIGHTERS</i>	Wear pressure demand, self-contained breathing apparatus (SCBA), and full protective bunker gear, Avoid inhalation of combustion byproducts.

Section 6:

ACCIDENTAL RELEASE MEASURES	
<i>PERSONAL PROTECTION</i>	Coveralls, gloves, and dust masks may be worn for comfort.
<i>EMERGENCY PROCEDURES</i>	Avoid creating dust and eliminate ignition sources.
<i>ENVIRONMENTAL PRECAUTIONS</i>	Contain material and prevent entry into waterways
<i>METHODS FOR CONTAINMENT</i>	NA
<i>METHODS FOR CLEAN-UP</i>	Fine dust should be cleaned with soft bristle brooms, non-sparking tools, or vacuums approved for Class II Hazardous locations.
<i>OTHER INFORMATION</i>	NA

Section 7:

Handling & Storage	
<i>HANDLING</i>	Avoid dispersing dust in air and exposure to ignition sources; Practice good housekeeping to avoid dust accumulations on surfaces.
<i>STORAGE</i>	Consult with current NFPA 654 Standard for the Prevention of Fire and Dust Explosions in Manufacturing, Processing, and Handling of Combustible Particulate Solids, NFPA 499 Standard for the Recommended Practice for the Classification of Combustible Dusts and Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas.
<i>INCOMPATIBLES</i>	None Known



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Section 8:

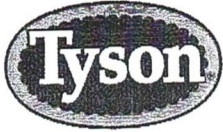
Exposure Control/Personal Protection			
COMPONENT/CHEMICAL	OSHA PEL (or CEILING)	ACGIH TLV (or STEL)	OTHER – OEL*
Nuisance Dust	15 mg/m3 Total Dust 5 mg/m3 Respirable Dust	10 mg/m3 Inhalable Dust 3 mg/m3 Respirable Dust	NA
ENGINEERING CONTROLS	As necessary to reduce exposures below the PEL; High speed or gravitation transfer creating dust should have local exhaust to minimize dust emissions.		
EYE/FACE PROTECTION	ANZI Z87.1 approved safety glasses or goggles in dusty conditions		
SKIN PROTECTION	Full length clothing		
RESPIRATORY PROTECTION	As necessary (Air Purifying Respirator) dust mask to maintain exposure below the PEL		
GENERAL HYGIENE CONSIDERATIONS	Hand washing, No eating, drinking, minimize hand to mouth contact.		
*OEL SOURCE	NA		

Section 9:

PHYSICAL AND CHEMICAL PROPERTIES			
COLOR	Dark Brown	PHYSICAL STATE	Solid / Powder
ODOR	Earthy	ODOR THRESHOLD	N/A
pH	Unknown	MELTING/FREEZING POINT	Unknown
BOILING POINT & RANGE	Unknown	EVAPORATION RATE	Unknown
FLASH POINT	Unknown	FLAMMABILITY (solid, gas)	Unknown
UPPER FLAMMABILITY LIMIT	Unknown	LOWER FLAMMABILITY LIMIT	20 g/m3
VAPOR PRESSURE	Unknown	VAPOR DENSITY	Unknown
RELATIVE DENSITY (specific gravity)	Unknown	SOLUBILITY (water)	Unknown
PARTITION COEFFICIENT	Unknown	AUTO-IGNITION TEMPERATURE	Unknown
DECOMPOSITION TEMPERATURE	Unknown	PERCENT VOLATILE, wt. %	Unknown
VOC CONTENT, wt. %	Unknown	VISCOSITY	Unknown

Section 10:

STABILITY AND REACTIVITY	
REACTIVITY	N/A



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CHEMICAL STABILITY	NA
CONDITIONS TO AVOID	NA
IMCOMPATIBLE MATERIALS	NA
HAZARDOUS DECOMPOSITION PRODUCTS	NA
POSSIBILITY OF HAZARDOUS REACTIONS	NA

Section 11:

TOXICOLOGY INFORMATION

ACUTE EFFECTS			
ORAL LD ₅₀	Unknown	DERMAL LD ₅₀	Unknown
INHALATION	Unknown	INHALATION LC ₅₀	Unknown
EYE IRRITATION	Unknown	SKIN IRRITATION	Unknown
SENSITIZATION	Unknown		
CHRONIC EFFECTS			
CARCINOGENICITY	Unknown		
MUTAGENICITY	Unknown		
REPRODUCTIVE EFFECTS	Unknown		
DEVELOPMENTAL EFFECTS	Unknown		
SPECIFIC TARGET ORGAN TOXICITY	Unknown		
SIGNS AND SYMPTOMS OF EXPOSURE	Unknown		

Section 12:

ECOLOGICAL INFORMATION

ECOTOXICITY	No data available
PERSISTENCE/DEGRADABILITY	Biodegradable
BIACCUMULATION/ACCUMULATION	Does not bio-accumulate
MOBILITY IN ENVIRONMENT	No data available

Section 13:

DISPOSAL CONSIDERATIONS

DISPOSAL	Dispose of in accordance with Federal, State, and local regulations
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Section 14:

TRANSPORTATION INFORMATION	
US DOT (ground/air/water)	Not Regulated as a hazardous material for shipping
PROPER SHIPPING DESCRIPTION	Blood Meal

Section 15:

REGULATORY INFORMATION

SARA 302/304

Composition/information on ingredients

COMPONENT	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs.)	(gallons)	(lbs.)	(gallons)
Blood Meal	100	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated

SARA 311/312

Composition/information on ingredients

COMPONENT	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
NA						

SARA 313

Form R – Reportable	COMPONENT	CAS Number	%
NA			

Section 16:

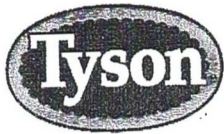
OTHER INFORMATION			
NFPA 704: National Fire Protection Association (0=minimal hazard, 1=slight hazard, 2=moderate hazard, 3=severe hazard, 4=extreme hazard)			
HEALTH	FIRE	REACTIVITY	SPECIAL HAZARDS
1	2	0	0

PREPARATION DATE: 5/27/2015

BY: Forrest Adams

REVISION DATE: _____

REVISION NOTES:



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The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to determine the suitability and completeness of this information for their individual particular use.