



Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Blood Meal**
Formula: Blood Meal
CAS No.: N/A
Recommended Use: Fertilizer

Company Identification: **Encap, LLC**
320 N Broadway, Suite 340
Green Bay, WI 54303
Phone: (877) 405-5050

2. HAZARDS IDENTIFICATION

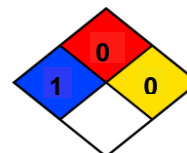
HMIS Classification

Health Hazard:	1	HEALTH	1
Chronic Health Hazard:	-	FIRE	0
Flammability:	0	REACTIVITY	0
Physical Hazards:	0	PPE	E
Personal Protection:	E		

(Safety glasses, gloves, and dust respirator)

NFPA Rating

Health Hazard: 1
Fire: 0
Reactivity Hazard: 0
Special Hazard: None



Physical Hazards:

Not classified

Health Hazards:

May cause temporary skin, eye, or respiratory irritation
May be harmful if swallowed

GHS Labeling

Symbol: None
Signal Word: No signal word.

Hazard Statements:

H315	Causes skin irritation	Skin irritation Category 2
H320	Causes eye irritation	Eye irritation Category 2B
H335	May cause respiratory irritation	Respiratory irritation Category 3
H303	May be harmful if swallowed	Oral toxicity hazard Category 5

GHS Hazard Categories

Precautionary Statements: P102-Keep out of the reach of children.

Hazards Not Otherwise Classified: Unknown

OSHA Hazards

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Target Organs

None

Potential Immediate Health Effects

Inhalation: Respiratory tract irritation.
Skin: May cause skin irritation in susceptible persons.
Eyes: May cause eye irritation.
Ingestion: Possible gastrointestinal tract irritation.

3. COMPOSITION

Chemical Identity: Blood meal 100%
Common Name: Blood meal
CAS No.: N/A
Impurities: None

Earth Science Blood Meal

4. FIRST AID MEASURES

EYE:

Symptoms: Irritation.

Irrigate immediately. If this product contacts the eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Seek medical attention if needed.

SKIN:

Symptoms: Irritation.

Rinse and then wash skin with water and soap. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes before reuse.

INHALATION:

Symptoms: Respiratory tract irritation.

Fresh air. If a person breathes in large amounts of this product, move to fresh air at once. Seek medical attention if needed.

INGESTION:

Symptoms: Possible gastrointestinal tract irritation.

Rinse mouth. Do not induce vomiting. If needed, seek medical attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Type A or B fire extinguishers. Water spray, carbon dioxide, dry chemical, or chemical foam.

Unsuitable Extinguishing Media

None known.

Special Protective Equipment for Fire-Fighters

Self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation.

Environmental Precautions

Prevent product from entering drains.

Methods and Materials for Containment and Clean-up

Sweep spilled substance into containers; if appropriate, moisten first to prevent dust. Reuse if not contaminated.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid container breakage.

Recommended Conditions for Storage

Keep closed and away from moisture in a well ventilated area.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

	CAS No.	ACGIH TLV	OSHA/PEL
Blood Meal	No CAS No.	unknown	unknown

Engineering Controls

Local exhaust ventilation recommended. Running water should be available in case material gets in eyes.

Personal Protective Equipment

Respiratory Protection

NIOSH (US) or CEN (EU) approved respirator for dusts.

Hand Protection

None required for normal use. If prolonged or repeated use irritates skin, use neoprene or PVC gloves.

Skin and Body Protection

Long sleeves.

Eye Protection

Not required, but NIOSH (US) or CEN (EU) approved safety glasses with side shields, goggles, or face shield are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark brown to black solid
Odor: Earthy
Odor threshold: Unknown
pH: Neutral
Melting Point: Decomposes
Freezing Point: Unknown
Evaporation Rate: 0
Flammability: Not flammable
Explosion Limits: Unknown
Vapor Pressure: N/A
Vapor Density: N/A
Specific Gravity: 0.40
Solubility in Water: Partly soluble
Partition coefficient: Unknown
Auto-ignition temp.: Unknown
Decomposition temp.: Unknown
Viscosity: N/A
Other: Unknown

10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended storage conditions.

Chemical Stability: Stable under recommended storage conditions.

Conditions to Avoid: Damp or wet conditions. Extreme heat.

Hazardous Decomposition Products: N/A

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11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Eyes, ingestion, skin, inhalation

Potential Health Effects

Inhalation: May cause respiratory tract irritation.

Ingestion: Possible gastrointestinal tract irritation.

Skin: May cause skin irritation.

Eyes: May cause eye irritation.

Acute Toxicity

No data available.

Reproductive Toxicity

No data available

Germ Cell Mutagenicity

No data available

Specific target organ toxicity - single exposure

Adverse health effects are not expected under normal use.

Specific target organ toxicity - repeated exposure

Adverse health effects are not expected under normal use.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

IARC = International Agency for Research on Cancer

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen by ACGIH.

ACGIH = American Conference of Industrial Hygienists

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated carcinogen by NTP.

NTP = National Toxicology Program

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen by OSHA.

OSHA = Occupational Safety and Health Administration

12. ECOLOGICAL INFORMATION

Toxicity

Large amounts released to water systems may harm aquatic plant and animal life.

Mobility

Water contaminating.

Persistence and Degradability

Inherently biodegradable.

PBT and vPvB Assessment

Does not bioaccumulate.

Bioaccumulative Potential

Does not bioaccumulate.

Other Adverse Effects

No data available.

13. DISPOSAL CONSIDERATIONS

May be disposed of as an inert solid in sanitary landfill or by other procedures in accordance with all federal, state and local regulations. May be used as a supplement on land and on some agricultural products. Do not re-use empty containers.

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14. TRANSPORT INFORMATION

DOT (US)

This material is not regulated by the DOT.

IMDG

This material is not regulated by the IMDG.

IATA

This material is not regulated by IATA.

15. REGULATORY INFORMATION

OSHA Hazards

None of the chemicals in this product are listed as highly hazardous by OSHA.

DSL Status

This substance is not on the Canadian Domestic Substance List (DSL) list.

SARA 302 Compounds

No chemicals in this material are subject to SARA Title III, Section 302 reporting.

SARA 313 Compounds

No chemicals in this material are subject to the reporting requirements of Section 313 of SARA.

SARA 311/312 Hazards

No chemicals in this material are subject to Section 311/312 of SARA.

Massachusetts Right To Know

Not listed by the Massachusetts Right to Know Act.

Pennsylvania Right To Know

Not listed by the Pennsylvania Right to Know Act.

New Jersey Right To Know

Not listed by the New Jersey Right to Know Act.

California Proposition 65

No chemicals in this material are known to cause cancer, birth defects, or any other reproductive harm according to the State of California.

16. OTHER INFORMATION

No data is available, per 29 CFR 1910.1200(d)(b); health hazards are based upon all of the components which make up the mixture.

The above information is believed to be correct, but is not purported to be all-inclusive and should only be used as a guide. Because data, safety standards, and regulatory inputs are subject to change, no warranty, guarantee, or representation with respect to the completeness or continuing accuracy of the information contained in this document is made. The user of this product must decide what safety measures are necessary to safely use this product; the conditions of handling and use, or misuse, are beyond the control of Encap, LLC. The user is also responsible to determine its environmental regulatory compliance obligations under any applicable federal or state laws.

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MSDS Preparation History

Original Preparer
Jul-19 Encap LLC Staff

Updates or Revisions

Update (U) or Revision (R)	Update or Revision Number	Date	Preparer
U	1	11/4/2019	Encap LLC Staff