



# Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Earthworm Castings**  
 Formula: Earthworm Castings  
 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

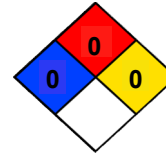
### HMIS Classification

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



### Physical Hazards:

Not classified

### Health Hazards:

May cause temporary skin (category 2), eye (category 2B), or respiratory irritation  
 May be harmful if swallowed

### GHS Labeling

Symbol: None

Signal Word: No signal word.

### Hazard Statements:

H303 May be harmful if swallowed.  
 H315 Causes skin irritation.  
 H320 Causes eye irritation.  
 H335 May cause respiratory irritation.

### GHS Hazard Categories

Oral toxicity hazard Category 5  
 Skin irritation Category 2  
 Eye irritation Category 2B  
 Respiratory irritation Category 3

### Precautionary Statements:

P 102 Keep out of reach of children  
 P 261 Avoid breathing dust

### 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

Eyes, skin, respiratory system, and ingestion.

### Potential Immediate Health Effects

Inhalation: May cause respiratory tract irritation.  
 Skin: May cause skin irritation.  
 Eyes: May cause eye irritation.  
 Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation.

## 3. COMPOSITION

Chemical Identity: Earthworm Castings (manure) 100%  
 Common Name: Earthworm Castings  
 CAS No.: N/A208  
 Impurities: None

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## 4. FIRST AID MEASURES

### EYE:

Symptoms: May cause eye 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. Get medical attention if needed.

### SKIN:

Symptoms: May cause skin irritation.  
Rinse and then wash skin with water and soap for 15-20 minutes. Wash clothing before reuse. Clean shoes before reuse.

### INHALATION:

Symptoms: May cause respiratory tract irritation.  
Fresh air. Get medical attention if needed.

### INGESTION:

Symptoms: May be harmful if swallowed. May cause gastric distress, nausea or diarrhea.  
Rinse mouth. Get medical attention if needed.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use an extinguishing agent suitable for the surrounding fire.

### Unsuitable Extinguishing Media

None known.

### Special Protective Equipment for Fire-Fighters

No special protective equipment is required, specific to this material.

## 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 contact with eyes. Avoid formation of dust. Provide appropriate exhaust ventilation at places where dust is formed.

### 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
Earthworm Castings	None	unknown	unknown

### Engineering Controls

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

### Personal Protective Equipment

#### Respiratory Protection

None required, but a NIOSH (US) or CEN (EU) approved respirator for dusts is recommended.

#### Hand Protection

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

#### Skin and Body Protection

None required, but long sleeves are recommended. Used precautions to prevent infection of open wounds.

#### 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: Black granular  
Odor: Odorless  
Odor threshold: Unknown  
pH: 5.0 - 7.0  
Melting Point: Unknown  
Freezing Point: Unknown  
Evaporation Rate: 0  
Flammability: Not flammable  
Explosion Limits: Unknown  
Vapor Pressure: N/A  
Vapor Density: N/A  
Specific Gravity: Unknown  
Solubility in Water: Soluble  
Partition coefficient: Unknown  
Auto-ignition temp.: Unknown  
Decomposition temp.: Unknown  
Viscosity: N/A  
Other: Unknown

## 10. STABILITY AND REACTIVITY

**Reactivity:** Non-reactive under recommended storage conditions.

**Chemical Stability:** Stable under recommended storage conditions.

**Conditions to Avoid:** None known.

**Hazardous Decomposition Products:** None known.

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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:** May be harmful if swallowed.

**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

Non-toxic.

### 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.

**MSDS Preparation History****Original Preparer**

Oct-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