



Material Safety Data Sheet

Section 1 – Chemical Product and Company Information

Product Name: Impact Organics Earthworm Castings (Microw Power)

Trade Names and Synonyms: Worm Castings

Company Name: Impact Organics LLC
7111 W 151st Street Suite 170
Overland Park, Kansas 66223
www.impactorganics.com

Section 2 – Composition Information on Ingredients

Component: Earthworm Castings (manure)

CAS Number: N/A

Percent: 100%

OSHA PEL: N/A

ACGH1 TLV: N/A

IDLH concentrations have not been determined. This product is not a controlled product and is not covered under the Hazardous Product Act.

Section 3 – Hazards Identification

General: No direct hazardous components are known. Routes of entry into the body include skin contact, inhalation, ingestion, and eye contact.

Emergency Overview: This product is, generally, non-hazardous to health when used in accord with manufacturer's directions. Possible nuisance dust may be present with application of this product. Wash hands and exposed skin with soap and water after using this product.

Potential Health Effects:

Routes of Entry: Inhalation, skin contact, eye contact, ingestion.

Eye Exposure: Direct contact with the eye may cause irritation and erythema of the eyes.

Skin Exposure: Contact with skin may cause irritation in sensitive individuals. Wash after application.

Ingestion: Oral intake may result in nausea, vomiting, and diarrhea.

Inhalation: Exposure to respiratory system may result in irritation, coughing, nausea, vomiting, and diarrhea.

Medical conditions, which may be aggravated by moisture: Respiratory problems may be aggravated by inhalation of nuisance dusts.

Section 4 – First Aid Measures

Eye Exposure: Check for and remove contact lenses. The exposed eyes should be washed immediately with large amounts of water, occasionally lifting upper and lower lids, for at least 30 minutes until no evidence of chemical remains. If irritation persists, seek medical attention.

Skin Exposure: If skin irritation is noted, wash effected area with soap or mild detergent and large amounts of water for at least 15 20 minutes. If irritation persist, seek medical attention.

Ingestion: Medical attention should be obtained immediately. Immediately dilute with 4 to 8 ounces (120 to 240 ml) of milk or water (not to exceed 15 ml/kg in a child).

Inhalation: Move victim to fresh air. If respiratory difficulties persist, seek medical attention.

Section 5 – Fire Fighting Measures

Flashpoint: Not Applicable

Flammable Limits: Not Applicable

Fire Fighting Instructions: Extinguish fire with water spray and CO₂. Avoid breathing vapors or dusts and stay upwind.

Section 6 – Accidental Release Measures

Dry Spills: Sweep up granules. Avoid contact with skin, eyes, or breathing dusts. Wet down if necessary to control dusts.

Section 7 – Handling and Storage

Handling: Wash after handling. Avoid eye contact and avoid breathing dusts if generated.

Storage: Store in original container, in a cool, dry place out of reach of children and pets.

Section 8 – Exposure Control / Personal Protection

Engineering Controls: Typical applications require no engineering controls. Product is to be used out of doors with good ambient ventilation.

Eye protection: Typical applications usually require no protective eyewear. Do avoid direct eye contact.

Hand and body: Protective gloves are recommended for individuals with history of skin irritation.

Respiratory protection: If nuisance dust levels are high, use NIOSH approved respirator with dust/mist cartridges or dust mask.

Section 9 – Physical and Chemical Properties

Physical Form: Dark colored brown granules

Molecular Weight: No data available

Odor: Earthy odor

Boiling Point: Not Applicable

Melting Point: Not Applicable

Freezing Point: Not Applicable

Density/Specific Gravity: Not Applicable

Evaporation Rate: Not Applicable

Viscosity: Not Applicable

LFL/UFL: Not Applicable

Vapor Pressure: Not Applicable

Solubility in Water: Slightly Soluble

Volatile by Weight: Not Applicable

pH: Not Applicable

Flash Point: Not Applicable

Section 10 – Stability and Reactivity

Stability: Product is stable.

Reactivity: No known potential hazards.

Section 11 – Toxicological Information

Ingredients are not listed as carcinogens by MC, OSHA, or NTP.

Section 12 – Ecological Information

No information is available. Impact Organics plant foods are non-hazardous plant nutrients.

Section 13 – Disposal Considerations

Product is biodegradable, with no special waste disposal. However, check any Federal, State, and Local regulations that may apply. This material is a non-hazardous plant nutrient and may be disposed of by applying to plant soil in accordance with manufacturer's recommendations.

Section 14 – Transport Information

DOT: Not Regulated

Hazard Class: None

Identification Number: None

Section 15 – Regulatory Information

TSCA Status: Not listed.

CERCLA Section 103: Not listed.

SARA Title III: Not listed

Section 16 – Other Information

NFPA Hazard Classification: as follows.

Health 1.1 Can cause irritation.

Flammability 0.0 Normally not flammable.

Stability 0.0 Normally stable.

ABBREVIATIONS

ACGIH American Conference of Governmental Industrial Hygienists

CAS Chemical Abstract Service

DOT Department of Transportation

URC International Agency for Research on Cancer IDLH Immediately Dangerous to Life or Health NFPA National Fire Protection Association

NIOSH National Institute for Occupational Safety and Health

NTP National Toxicology Program

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit TLV Threshold Limit Value TWA Time-Weighted Average