

# Material Safety Data Sheet

## Section 1. Product and Company Identification

Product Name:  
**Mulch Manufacturing Weed<sup>2</sup>&Feed Mulch**

### Hazardous Material Information System:

Health	1
Fire Hazard	0
Physical Hazard	0
Personal Protection	X

Product Code: MMFG / Weed<sup>2</sup>&Feed Mulch

Hazardous Material Information System:

Effective Date: January 1, 2015

### Manufacturer Information:

Mulch Manufacturing, Inc.  
6747 Taylor Road Southwest  
Reynoldsburg, OH 43068-9649  
Telephone: 614.864.4004  
Company Headquarters

Mulch Manufacturing, Inc.  
446195 US Highway 301S  
Callahan, FL 32011  
Telephone: 904.879.2180

## Section 2. Hazard Identification

Product Name: MMFG Weed<sup>2</sup>& Feed Mulch

EPA Reg. Number: 83822-1

General Information Phone: 614.864.4004

Health Emergency Phone: 888.208.2368 PROSAR

Environmental Emergency Phone: 800.424.9300 CHEMTREC

**Emergency Overview:** May cause respiratory tract, eye, and skin irritation.

### Potential Acute Health Effects:

*Eyes:* Immediately flush eyes with plenty of water. Call a physician if irritation develops.

*Skin:* Remove contaminated clothing and clean before reuse. Wash all exposed areas of skin with plenty of soap and water. Get medical attention if irritation develops or persists.

*Inhalation:* Move individual to fresh air. Get medical attention if breathing difficulty occurs.

*Ingestion:* If swallowed, call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**PPE:** Always wear proper personal protection (safety glasses, gloves, masks when needed, shoes and proper clothing that cover all exposed skin).

### Section 3. Composition/Information on Ingredients

#### Components:

N-(3-(1-ETHYL-1 METHYLPROPYL)-5-ISOXAZOLY)-2,6 DIMETHYOXYBENZAMIDE:

OSHA PEL: NE ppm

ACGIH TLV: NE ppm

STEL: NE ppm

PERCENT OF PRODUCT: EQ 0.0005%

CAS NO.: 82558-50-7

NOTE: ISOXABEN / NE = NOT ESTABLISHED

S,S'-DIMETHYL 2-DIFLUOROMETHYL-4-ISOBUTYL-6-TRIFLUOROMETHYL-3,5-PYRIDINEDICARBOETHIOATE

OSHA PEL: NE ppm

ACGIH TLV: NE ppm

STEL: NE ppm

PERCENT OF PRODUCT: EQ 0.0002%

CAS NO.: 97886-45-8

NOTE: DITHIOPYR / NE = NOT ESTABLISHED

OTHER WOOD MULCH:

OSHA PEL: NE ppm

ACGIH TLV: NE ppm

STEL: NE ppm

PERCENT OF PRODUCT: EQ 99.9993%

CAS NO.: Not Applicable

NOTE: CAS No.: Not Applicable / NE = NOT ESTABLISHED

### Section 4. First Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes. Prolonged or repeated contact may result in mechanical irritation. Seek medical attention.

**Skin Contact:** Wash with soap and water. Seek medical attention if irritation persists.

**Inhalation:** Move to fresh air. Seek medical attention if irritation persists.

**Ingestion:** Seek medical attention.

## Section 5. Fire Fighting Measures

**Auto-Ignition Temperature:** Does not ignite up to 1000 degree F, 537 degree C.

**Extinguishing Media:** Use water fog, CO2 or dry chemicals.

**Fire and Explosion Hazards:** Thermal-oxidative degradation of wood produces irritating and toxic fumes and gases, including CO, aldehydes and organic acids.

**Fire Fighting Equipment:** Wear full protective clothing and use positive pressure, self-contained breathing apparatus.

## Section 6. Accidental Release Measures

**Clean-Up** Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility in accordance with applicable regulations. Dispose of collected material according to federal, state, and local regulations.

**Spills and Leaks:** Contain and sweep up material per label directions. Prevent runoff.

**Waste Disposal Methods (consult Federal, State and local regulations):** wrap carefully and use as the label specifies. Avoid contamination of any body of water.

## Section 7. Handling and Storage

### Handling:

Exposure Guidelines: Isoxaben, PEL and TLV not established; Dithiopyr, PEL and TLV not established.

Ventilation: Good general ventilation should be established.

Respiratory Protection: In enclosed spaces, wear NIOSH approved respirator for nuisance dust.

Skin Protection: Use protective clothing such as coveralls, a long sleeved shirt, impermeable gloves and proper shoes when handling this product.

### Storage:

Special Precautions to be taken in handling and storage:

Keep out of reach of children. Causes eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust and contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Section 8. Exposure Control/Personal Protection

**Personal Protection:**

*Body:* To prevent skin contact use coveralls, long sleeved shirt, gloves and proper shoes.

*Hands:* Avoid skin contact by using chemically resistant gloves that are nonpermeable.

*Respiratory:* When needed use a NIOSH/MSHA approved dust-mask.

*Other:* Clean clothing should be worn and washed immediately after use.

Section 9. Physical and Chemical Properties

Odor: Wood Odor	pH: 7
Bulk Density: 25-35 lb./ft <sup>3</sup>	Solubility in Water: Slight
Appearance: Black, Brown, Red, Natural	

Section 10. Stability and Reactivity

**Chemical Stability:** This material is chemically stable under normal storage and handling conditions.

**Decomposition:** Will omit toxic vapors as it burns.

Section 11. Toxicological Information

**POTENTIAL HEALTH EFFECTS:** This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner.

**Acute:**

Not determined

**Chronic:**

Not determined

**Signs and Symptoms of Exposure:**

Not determined

**Medical Conditions Generally Aggravated by Exposure:**  
sensitive individuals.

Possible skin irritation for

**Chemicals Listed as Carcinogen or Potential Carcinogen:**

National Toxicology Program: No

IARC Monographs: No

OSHA: No

Section 12. Ecological Information

**Ecotoxicity:** No data available, however the material is not expected to have any deleterious toxic effect.

**Environmental Fate:** No data available regarding the environmental fate or biodegradation.

Section 13. Disposal Considerations

**Treatment:** Dispose of according to all federal, state, local, and provincial environmental regulations.

Section 14. Transport Information

**D.O.T. Classification:** Not regulated

**IMO/IMDG**

**Classification:** Not regulated

**IATA Classification:** Not regulated

Section 15. Regulatory Information

Notice: The information herein is presented in good faith and believed to be accurate as of the effective date shown in this document. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another, it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See Safety Data Sheet for health and safety information.

(Not meant to be all-inclusive-selected regulations represented).

**SARA HAZARD CATEGORY:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

An immediate health hazard

A delayed health hazard

**TOXIC SUBSTANCES CONTROL ACT (TSCA):**

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA Inventory.

**OSHA HAZARD COMMUNICATION STANDARD:**

This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Hazardous Material Information System:**

Health	1
Fire Hazard	0
Physical Hazard	0
Personal Protection	X

Section 16. Other Information

The information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of Mulch Manufacturing’s knowledge. Consult the Dow Chemical Company for further information.

-----  
Disclaimer of Expressed and Implied Warranties: Although preparer and owner have taken reasonable care in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user’s intended purposes or for the consequences of its use. Each user should make a determination as to the suitability of the information for their particular purpose (s). A request has been made to the manufacturer to approve the contents of this safety data sheet. Upon receipt of any changes a new SDS (safety data sheet) will be made available.  
-----

