



Safety Data Sheet

Report Date 22-Mar-18

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1. Identification

Product Name : OMNI BRAND METRIBUZIN 75 DF
Synonyms : None
Product Use : Metribuzin herbicide
Manufacturer/Supplier : Helena Chemical Company
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification

Signal Word : None (no symbol)
Skin Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Eye Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Acute Toxicity Oral : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Acute Toxicity Dermal : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Hazard Categories : Not classified as hazardous under 29 CFR 1910.1200 (2012)
Hazard Statement : Not Hazardous

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Metribuzin: 4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one	21087-64-9	75.0
Kaolin	1332-58-7	8.6
Other ingredients	Proprietary	16.4

4. First Aid Measures

Eye : Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for treatment advice.
Skin : Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
Inhalation : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.
Ingestion : Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting unless told to do so by a poison control center or physician.
Indication of Immediate Medical Attention and Special Treatment Needed : No information available. Treat symptomatically.

5. Fire Fighting Measures

Extinguishing Media : Use extinguishing media suitable for underlying cause of fire.
Specific Hazards Arising from the Chemical : As with any dry material, dust clouds generated during handling and/or storage can form explosive mixtures with air.
Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing.



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6. Accidental Release Measures

- Personal Precautions** : Avoid contact with the skin and the eyes. Keep unprotected and unnecessary personnel out of spill area.
- Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.
- Emergency Procedures** : Do not allow spilled product to enter any waterways, drains or sewers.
- Methods and Materials for Containment and Cleanup** : Sweep up and shovel spilled product into suitable containers for disposal.

7. Handling and Storage

- Precautions for Safe Handling** : Keep out of reach of children. Fine dust dispersed in air may ignite. Avoid dust formation in confined areas. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
- Conditions for Safe Storage** : Keep containers tightly closed and stored in a cool, well-ventilated area. Incompatible with ketones, aldehydes.

8. Exposure Controls / Personal Protection

- TLV/PEL** : Metribuzin (technical): TLV=5 mg/m³. Kaolin: TLV=2 mg/m³ (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction); PEL=15 mg/m³ (total dust).
- Appropriate Engineering Controls** : Local exhaust ventilation is preferred.
- Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

- Odor/Appearance** : Light tan granular solid with sweet, musty odor.
- Flash Point, °F** : No information available
- Boiling Point, °F** : Not applicable
- Melting Point(Freezing point), °C** : 50 Degrees F. (melting point)
- Vapor Pressure, mm Hg @ 20 °C** : 1.2x10⁽⁻⁷⁾ mmHg @ 20 Deg. C.
- Vapor Density** : No information available
- Solubility in Water** : No information available
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : No information available
- Evaporation Rate(Butyl Acetate = 1)** : Not applicable
- Octanol/Water Partition Coefficient** : No information available
- pH** : 8.9 (1%)
- Flammable Limits (approximate volume % in air)** : No information available.
- Auto-ignition Temperature** : No information available
- Decomposition temperature** : No information available

10. Stability and Reactivity



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Reactivity : No data available
Chemical Stability : Stable
Hazardous Decomposition Products : Carbon dioxide, oxides of sulfur, amines, methyl mercaptans.
Hazardous Polymerization : Will not occur
Conditions to Avoid : Avoid sustained temperatures above 100 Degrees F.
Incompatible Materials : Ketones and aldehydes.

11. Toxicological Information

Acute Toxicity (Oral LD50) : 2,379 mg/kg(male rat), 2,794 mg/kg(female rat). Not classified as hazardous under 29 CFR 1910.1200.
Acute Toxicity (Dermal LD50) : >5,000 mg/kg (rat). Not classified as hazardous under 29 CFR 1910.1200 (2012).
Acute Toxicity Inhalation LC50 : No LC50 available. Not classified as hazardous under 29 CFR 1910.1200 (2012).
Likely Routes of Exposure : Eye
Skin Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012).
Eye Irritation : Not classified as hazardous under 29 CFR 1910.1200 (2012).
Skin Sensitization : No information available
Carcinogenic : No information available
Chronic Effects : No information available
Other Hazards : No information available

12. Ecological Information

Ecotoxicity : Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.
Persistence and Degradability : No information found
Bioaccumulative Potential : No information found
Mobility in Soil : No information found
Other Adverse Effects : Do not clean equipment or dispose of equipment washwater in a manner that will contaminate water resources or arable land. Do not apply when weather conditions favor drift from treated areas.

13. Disposal Considerations

Waste Disposal Method : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

UN Proper Shipping Name : Not regulated by DOT, IATA or IMDG.
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found
Transport in Bulk : No information found
Special Precautions for Transportation : No information found
Freight Classification : Pesticides, NOI, Herbicides, Other than Poison (NMFC Item 155050, Sub 11, Class 70)



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15. Regulatory Information

National Fire Protection Association Rating :

Health: 1 Fire: 1 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

S.A.R.A Title III Hazard Classification (Yes/No) :

Immediate(Acute) Health: N
Delayed (Chronic) Health: N
Sudden Release of Pressure: N
Fire: N
Reactive: N

FIFRA Information : This Chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Registration Number : 70506-103-5905
FIFRA Signal Word : Caution
FIFRA Label Statement : Keep out of reach of children.
FIFRA Label Statement : May be harmful if swallowed or absorbed through skin.
FIFRA Label Statement : Causes moderate eye irritation.
FIFRA Label Statement : No additional label statements.
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16. Other Information

Data of Preparation/Revision : 22-March-2018