

**DREXEL ME-TRY-BUZIN™ 75DF**

**SECTION 1: MATERIAL IDENTIFICATION**

**Product Name:** Drexel Me-Try-Buzin™ 75DF  
**EPA Reg. No.:** 19713-705  
**Product Usage:** Herbicide  
**Manufacturer:** Drexel Chemical Company  
**Address:** 1700 Channel Avenue  
PO Box 13327  
Memphis, Tennessee, 38113-0327, USA  
901-774-4370

**Emergency Telephone Numbers:** CHEMTREC 800-424-9300  
DREXEL CHEMICAL COMPANY 901-774-4370

This product is an EPA FIFRA registered pesticide. Some of the classifications on this SDS are not the same as the FIFRA label. Certain sections of this SDS are superseded by federal law governed by EPA for a registered pesticide. Refer to SECTION 15: REGULATORY INFORMATION for explanation.

**SECTION 2: HAZARD IDENTIFICATION**  
(As defined by the OSHA Hazard Communication Standard, 29)

**Label Elements:**

**Signal Word:**

**DANGER**

**Pictograms:**



**Classifications:**

**Hazard Class:**

**Toxicity Study:**

Acute Toxicity, Oral  
Acute Toxicity, Dermal  
Skin Sensitization  
Eye damage/ Irritation

**Category:**

Category 4  
Category 4  
Category 1  
Category 2B

**Hazard Statements:**

**H Code:**

**Statement:**

H302 Harmful if swallowed  
H313 May be harmful in contact with skin  
H317 May cause allergic reaction to skin  
H320 Causes eye irritation

**Precautionary Statements:**

**Prevention:**

Wash face, hands and any exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Use only outdoors or in a well-ventilated area.  
In case of inadequate ventilation, wear respiratory protection  
Avoid release into the environment.

**Response:**

**If in Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Get immediate medical advice/attention.  
**If Swallowed:** Call a POISON CENTER or doctor/physician if you feel unwell. Treat symptomatically.



If Inhaled: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER or doctor if you feel unwell.
If on Skin or Clothing: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
If exposed or concerned: None available, get medical attention.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal: Dispose of contents/container in accordance with your local or area regulatory authorities.

Specific hazards: None available.

SECTION 3: COMPOSITION INFORMATION

Table with 6 columns: Chemical Name, Synonym, CAS No., EC No., RTECS, % By Wt. Rows include Active Ingredient (Metribuzin) and Inert Ingredients.

SECTION 4: FIRST-AID MEASURES

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call CHEMTREC at 800-424-9300 for emergency medical treatment information.

Eye Contact: 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 eye. Call a poison control center or doctor for treatment advice.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Skin/Clothing Contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

If Inhaled: 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 poison control center or doctor for further treatment advice.

Indication of Medical Attention and Special Treatment Needed: None / Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Fire Fighting Media: Water fog, Water spray, Carbon dioxide (CO2), Dry chemical, Foam.

Fire Fighting Procedures: Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Wear self-contained breathing apparatus with full protective clothing. In the event of fire and/or explosion do not breathe fumes. Evacuate area and fight fire from a safe distance. Minimize



the amount of water used for firefighting. Do not allow run-off from firefighting to enter drains or water courses. Equipment should be completely decontaminated after use.

**Special Protective Equipment for Firefighters:** Use personal protective equipment. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.

**Specific Fire Hazards:** If water is used to fight fire or cool containers, contain runoff, using dikes to prevent contamination of water supplies. Avoid using heavy water streams.

In the event of fire, the following may be released:

- Carbon monoxide (CO)
- Carbon dioxide (CO<sub>2</sub>)
- Nitrogen oxides (NOx)
- Sulphur oxides
- Mercaptans
- Hydrogen cyanide (hydrocyanic acid)
- Amines

**Hazardous Combustion Products:** Dust clouds generated during handling and/or storage can form explosive mixtures with air. Dust explosion characteristics vary with the particle size, particle shape, moisture content, contaminants, and other variables.

As with any dry material, pouring this material or allowing it to free fall or be conveyed through chutes or pipes can accumulate and generate electrostatic sparks, potentially causing ignition of the material itself, or any flammable materials which may come into contact with the material or its container. Check that all equipment is properly grounded and installed to satisfy electrical classification requirements. Carbon dioxide (CO<sub>2</sub>). Sulfur oxides. Methyl mercaptan. Amines.

**National Fire Protection Association:**

NFPA:	Health	Fire	Reactivity
Ratings:	4-Extreme	3-High	2-Moderate
	1-Slight	0-Insignificant	

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to SECTION 7: HANDLING AND STORAGE, for additional precautionary measures. Avoid contact with skin and eyes. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling. Ventilate area of leak or spill. Use appropriate safety equipment. For additional information, refer to SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION.

**Environmental Precautions:** Prevent from entering soil, ditches, sewers, waterways and/or groundwater. Refer to SECTION 12: ECOLOGICAL INFORMATION. Prevent further leakage or spillage if safe to do so. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

**Steps to be taken if Material is Released or Spilled:**  
 Control the spill at its source.  
 Small spills: Avoid contact with spilled material or contaminated surfaces. Use recommended safety equipment when absorbing and sweeping up spilled material. Soak up with inert absorbent material (e.g. sand, silica gel, acid



# SAFETY DATA SHEET

binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Place in a covered container for reuse or disposal. Scrub spill area with soap and water. Rinse with water. Dispose properly in accordance with all Federal, State and Local regulations. Contaminated soil may have to be removed and disposed of.

**Large spills:** Contact Drexel Chemical Company for clean-up assistance. Refer to SECTION 13: DISPOSAL CONSIDERATIONS, for additional information. Prevent entry into waterways, sewers, basements or confined areas.

## SECTION 7: HANDLING AND STORAGE

### KEEP OUT OF REACH OF CHILDREN

**Handling:** **General Handling:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not swallow. Avoid breathing dust. Use with adequate ventilation. Wear long-sleeved shirt, long pants and shoes with socks when handling. Keep away from heat, sparks and flame. Refer to SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION.

Handle and open container in a manner as to prevent spillage. Maintain exposure levels below the exposure limit through the use of general and local exhaust ventilation.

Keep away from heat and sources of ignition. Care should be taken to avoid formation of dust from abraded granules. Dust may form explosive mixture in air.

**Storage:** Store in a cool, dry place, well ventilated. Store in such a manner to prevent cross contamination with other pesticides, fertilizers, food, and feed. Keep in original containers and keep containers closed when not in use. Do not store near children, food, foodstuffs, drugs or potable water supplies.

Incompatible material: Ketones. Aldehydes.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits:

Components:	OSHA PEL	ACGIH TLV
Metribuzin	(vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>

**THIS SECTION IS FOR MANUFACTURING, COMMERCIAL BLENDING AND PACKAGING WORKERS. APPLICATORS AND HANDLERS SHOULD REFER TO THE PRODUCT LABEL FOR PROPER PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING.**

### Engineering Controls:

**Ventilation:** Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems. PESTICIDE APPLICATORS & WORKERS. THESE WORKERS MUST REFER TO PRODUCT LABELING AND DIRECTIONS FOR USE IN ACCORDANCE WITH EPA WORKER PROTECTION STANDARD 40 CFR PART 170.

### Personal Protection:

**Eye/Face Protection:** Eye contact should be avoided through the use of chemical safety glasses, goggles, or a face shield selected in regard to exposure potential. Wear chemical splash goggles to prevent vapors or mists from entering the eyes. Where there is potential for eye contact have eye flushing equipment available. Safety glasses with side-shields.

**Ingestion:** Avoid ingestion of even very small amounts; do not consume or store food or tobacco in the work area; wash hands and face thoroughly with soap and water before smoking or eating. Avoid getting wash water in eyes.

**Hand Protection:** Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Neoprene, Nitrile/butadiene rubber ("nitrile" or "NBR") or Viton.



**SAFETY DATA SHEET**

**Skin Protection:** Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task. Safety shower should be located in immediate work area. Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse or dispose of properly. Items which cannot be decontaminated, such as shoes, belts and watchbands, should be removed and disposed of properly.

**Respiratory Protection:** Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full face piece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Reported Value
Physical State	Solid
Appearance / Color	Dry Flowable, Granules / Light tan
Odor	Sweet musty odor
Odor threshold	Not available
pH	8.0 - 8.9
Melting point/Freezing point	Not available
Boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Upper flammability/explosive limits	Not available
Lower flammability/explosive limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Not available
Solubility in organic solvents	Not available
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidizing properties	Not available
Dissociation Constant	Not available

### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	Thermally stable at typical use temperatures and in closed containers.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Elevated Temperature, above 100°. Avoid storage near reactive materials.
<b>Incompatible Materials:</b>	Strong oxidizing agents, Ketones. Aldehydes.
<b>Hazardous Decomposition Products:</b>	Carbon dioxide (CO <sub>2</sub> ). Oxides of sulfur. Amines. Methyl mercaptans.



# SAFETY DATA SHEET

Date Issued: 03/27/2019

Supersedes: -

## SECTION 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity:**

**Potential routes of exposure/potential health effects:** Skin contact, Eye Contact, Ingestion

**Acute Oral:** **LD<sub>50</sub> (Rat):** 2,379 mg/kg male  
2,794 mg/kg female

**Acute Dermal:** **LD<sub>50</sub> (Rat):** > 2,000 mg/kg

**Acute Inhalation:** **LC<sub>50</sub> (Rat):** >4.84 mg/l air - (4hr)

**Eye Irritation:** **(Rabbit):** Eye irritant

**Skin Irritation:** **(Rabbit):** Slight irritant

**Skin Sensitization:** **(Guinea Pig):** Skin Sensitizer

**Chronic Toxicity:** No data available

**Carcinogenicity:** None listed in OSHA, NTP, or IARC.  
ACGIH lists Metribuzin as TLV-A4: Not Classifiable as a Human Carcinogen.  
EPA lists Metribuzin as EPA-D: Not Classifiable as to Human Carcinogenicity.

**Mutagenicity:** No data available

**Teratogenicity:** No data available

**Reproductive Toxicity:** No data available

**Developmental Toxicity:** No data available

**Other Hazards Effects:** No data available

## SECTION 12: ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE:**

**Metribuzin** Do not apply directly to water to areas where surface water is present or to intertidal areas below the mean high-water mark. 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.

**ECO-ACUTE TOXICITY**

**Aquatic Toxicity:** **Rainbow Trout , LC<sub>50</sub>** No data available  
**Bluegill Sunfish, LC<sub>50</sub>** No data available  
**Daphnia magna, 48 hour, LC<sub>50</sub>** No data available

**Arthropod Toxicity:** **Bees, Acute LD<sub>50</sub>** No data available

**Bird Toxicity:** **Mallard Duck , LD<sub>50</sub>** No data available  
**Bobwhite Quail, LD<sub>50</sub>** No data available

**Persistence and degradability:** Not established

**Bioaccumulation:** Not established

**Mobility in soil:** No data available

**Other adverse effects:** Do not contaminate water supplies, lakes, streams, ponds or drains with this product.

## SECTION 13: DISPOSAL CONSIDERATIONS

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise



## SAFETY DATA SHEET

contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

### SECTION 14: TRANSPORT INFORMATION

DOT: NOT REGULATED  
IMDG: NOT REGULATED  
IATA / ICOA: NOT REGULATED

UN Identification No.: N/A  
Proper Shipping Name: N/A  
Hazard Class: N/A  
Packing Group: N/A  
Reportable Quantity: N/A  
Environmental Hazard: N/A  
Freight Description: N/A  
ERG Guide No.: 171

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

### SECTION 15: REGULATORY INFORMATION

**Pesticide Registration:** This product is a pesticide registered by the Environmental Protection Agency (EPA) and is subject to certain FIFRA labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

EPA Reg. No.: 19713-706

**OSHA Hazard Communication Standard:** This product is NOT a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR1910.1200.

**EPCRA SARA Title III Classification:**

Section 302: Extremely Hazardous Substance Notification: No data available  
Sections 311 and 312: Immediate (Acute) Health Hazard: Yes  
Delayed (Chronic) Health Hazard: No  
Fire Hazard: No  
Reactive Hazard: No  
Sudden Release of Pressure Hazard: No

Section 313 Toxic Release Inventory (TRI): Metribuzin, (CAS No.: 21087-64-9), 75%

CERCLA/SARA 304 Reportable Quantity (RQ) : Not listed

RCRA Hazardous Waste Classification (40 CFR 261): Not listed

US EPA Toxic Substances Control Act (TSCA): Not listed



## SAFETY DATA SHEET

**Date Issued:** 03/27/2019

**Supersedes:** -

**California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):**

No data available. This product does not contain any chemicals known to the state of California to cause cancer and/or reproductive harm.

### SECTION 16: OTHER INFORMATION

**Date Issued:** March 06, 2019

**Date Supersedes:**

**Revision:** 0

**For all non-emergency questions about this product, please contact:**

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PO Box 13327  
Memphis, Tennessee 38113-0327, USA

Phone: 901-774-4370  
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Website: [www.drexchem.com](http://www.drexchem.com)

Drexel Chemical Company recommends that each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific SDSs, we are not and cannot be responsible for SDSs obtained from any source other than ourselves. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.