



Thifen E-AG 75 WDG

Herbicide

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Thifen E-AG 75 WDG Herbicide
DESCRIPTION: A water dispersible granule herbicide.
EPA Reg. No.: 79676-66

COMPANY IDENTIFICATION:

Etigra®
501 Cascade Pointe Lane
Suite 103
Cary, NC 27513
www.Etigra.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Chemical Name	Chemical Formula	CAS Number	Composition
Thifensulfuron-methyl	Methyl 3-[[[4-methoxy-6-methyl-1,3,5-triazin-2-yl] amino]carbonyl]amino]sulfonyl]-2-thiophenecarboxylate	$C_{12}H_{13}N_5O_6S_2$	79277-27-3	75.0%

3. HAZARD IDENTIFICATION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

ENVIRONMENTAL HAZARDS: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

4. FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

IF ON SKIN OR CLOTHING: Call a poison control center or doctor for treatment advice. Take off contaminated clothing. Rinse skin immediately with water for 15-20 minutes.

IF IN EYES: Hold eye open and rinse slowly and gently with water for

15-20 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.

5. FIRE-FIGHTING MEASURES

Flashpoint (PMA-4): Non-flammable.

Flammable Limits (LFL-UFL): N/A

Fire and Explosion Hazards: Not a fire or explosion hazard.

Means of Extinction: Use media appropriate for fighting surrounding fires.

Fire Fighting Instructions: Evacuate area and fight fire upwind.

Firefighting Equipment: Self-contained breathing apparatus and full protective equipment.

Hazardous Combustion Products: Information not available.

NFPA Ratings: Health – 1 / Flammability – 0 / Reactivity – 0 / Other – 0

6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately observing the precautions in Section 8 of this MSDS. Thoroughly ventilate area and use self-contained breathing apparatus. Shovel or sweep up and place material in closed containers for disposal. Do not raise dust.

7. HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Keep from freezing, store above 40°F. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, water, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Manufactured for:
Etigra
501 Cascade Pointe Lane
Suite 103
Cary, NC 27513

REV 0108

Etigra
Emergency Phone: Chemtrec 800-424-9300
Effective Date: January 10, 2008
EPA Reg. No. 79676-66



ETIGRA®

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Handle only with adequate ventilation. Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

Protective Clothing: Chemical-resistant gloves such as nitrile, butyl, neoprene, and/or barrier laminate (all ≥ 14 mils). Coveralls and shoes plus socks.

General: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark brown granules

Odor: None

pH: N/A

Density: 0.61 – 0.70 g/mL

Solubility in Water: Dispersible

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heat, flame and extreme temperatures.

CHEMICAL STABILITY: Stable under normal use and storage conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

INCOMPATIBILITY WITH OTHER MATERIALS: Unknown, do not mix with other materials unless specifically instructed by the product label.

POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

The following data is for the active ingredient, Thifensulfuron-methyl.

ACUTE ORAL TOXICITY

Oral LD₅₀ (rat): > 5,000 mg/kg

ACUTE DERMAL TOXICITY

Dermal LD₅₀ (rat): > 2,000 mg/kg

ACUTE INHALATION TOXICITY

Inhalation LC₅₀ (rat): > 7.9 mg/L

EYE IRRITANT

Rabbit – Causes moderate eye irritation.

SKIN IRRITATION

Rabbit – Causes mild skin irritation

SENSITIZATION

Guinea Pig – Not a Contact Sensitizer

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY:

ACGIH: Not listed

IARC: Not listed

NTP: Not listed

OSHA: Not listed

MUTAGENIC DATA: No evidence of mutagenic effects during *in vivo* and *in vitro* assays.

ADDITIONAL DATA: Not known to cause reproductive or birth defects at normal exposure levels.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY

Bluegill (LC₅₀): > 100 mg/L

Rainbow Trout (LC₅₀): > 100 mg/L

AVIAN TOXICITY

Mallard Duck (LD₅₀): > 2,510 mg/kg

Bobwhite Quail (LC₅₀): > 5,620 mg/kg

Mallard Duck (LC₅₀): > 5,620 mg/kg

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent) empty containers. Then offer for recycling or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Not Regulated by DOT

MARINE POLLUTANT: No

15. REGULATORY INFORMATION

FIFRA –

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act. The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide.

SARA Title III – Section 302 Extremely Hazardous Substances
Not Listed

SARA Title III – Section 311/312 Hazard Categories
Immediate

SARA Title III – Section 312 Threshold Planning Quantity
N/A

SARA Title III – Section 313 Reportable Ingredients
None

CERCLA –
None Listed

CALIFORNIA PROP 65 STATUS –

This product does not contain any chemicals known to the state of California to cause cancer or reproductive toxicity.

16. OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

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