



Safety Data Sheet

Report Date 18-Oct-19

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1. Identification

Product Name : WILDCARD (TM)
Synonyms : None
Product Use : 2-Ethylhexyl Ester of MCPA Selective Herbicide
Manufacturer/Supplier : Helena Agri-Enterprises, LLC
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification



Signal Word : Warning
Skin Irritation : Causes mild skin irritation
Eye Irritation : Causes eye irritation
Acute Toxicity Oral : LD50 862 mg/kg (female rats)
Acute Toxicity Dermal : LD50 >2,020 mg/kg (male and female rats)

Hazard Categories : Oral/Dermal/Inhalation Tox-4/5/4; Eye/Skin Irr-2B/3; Skin Sensitization-1B

Hazard Statement : Harmful if swallowed
May be harmful in contact with skin
Harmful if inhaled
Causes eye irritation
Causes mild skin irritation
May cause an allergic skin reaction

3. Composition / Information on Ingredients

| Component | CAS Number | Weight % |
|--|-------------|----------|
| 2-Ethylhexyl Ester of 2-Methyl-4-Chlorophenoxyacetic Acid | 26544-20-4 | 74.40 |
| Inert Ingredients | Proprietary | 25.60 |

4. First Aid Measures

Eye : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor immediately for further treatment advice.

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

Ingestion : Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth if unconscious or convulsing.

Indication of Immediate Medical Attention and Special Treatment Needed : May pose an aspiration pneumonia hazard. Contains petroleum distillate. In the event of an adverse response, treatment should be directed toward control of the symptoms.



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5. Fire Fighting Measures

- Extinguishing Media** : Use carbon dioxide or dry chemical on small fires and water fog or foam for large fires. Use water spray to keep fire-exposed containers cool.
- Specific Hazards Arising from the Chemical** : Product may produce Hydrogen Chloride and Nitrogen Chloride under fire conditions.
- Special Fire Fight Proc** : Use positive pressure self-contained breathing apparatus and full fire fighting clothing.

6. Accidental Release Measures

- Personal Precautions** : 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** : Dike and contain spilled material. Prevent spilled product from spreading to soil, waterways or drains.
- Methods and Materials for Containment and Cleanup** : Absorb in inert material, such as clay, sand, or sawdust. Place material in a chemical waste container for proper disposal. Wash area with water and detergent. Absorb and place washwaters in waste container for disposal.

7. Handling and Storage

- Precautions for Safe Handling** : Do not contaminate water, food or feed by storage, handling or disposal.
- Conditions for Safe Storage** : Do not store this product near fertilizers, seeds, insecticides or fungicides. Protect product from freezing. If subjected to freezing conditions, warm to 70 Degrees F. and agitate. This will return the product original condition. Reclose all partially used containers by thoroughly tightening the screw cap.

8. Exposure Controls / Personal Protection

- TLV/PEL** : Isooctyl (2-Ethylhexyl) Ester of 2-Methyl-4-Chlorophenoxyacetic Acid: TLV=10 mg/m³; PEL=10 mg/m³
- Appropriate Engineering Controls** : Use local exhaust ventilation at the point of generation.
- 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** : Clear amber liquid with phenoxy odor.
- Flash Point, °F** : >200 Degrees F.
- Boiling Point, °F** : 350 Degrees C.
- Melting Point(Freezing point), °C** : No information found
- Vapor Pressure, mm Hg @ 20 °C** : No information found
- Vapor Density** : No information found
- Solubility in Water** : Emulsifiable
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 0.996-1.016
- Evaporation Rate(Butyl Acetate = 1)** : No information found



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Octanol/Water Partition Coefficient : No information found
pH : 7.5 to 8.5 (5%)
Flammable Limits (approximate volume % in air) : No information found
Auto-ignition Temperature : Not applicable
Decomposition temperature : No information found

10. Stability and Reactivity

Reactivity : No information found
Chemical Stability : Stable
Hazardous Decomposition Products : May produce hydrogen chloride and nitrogen chloride under fire conditions.
Hazardous Polymerization : Will not occur
Conditions to Avoid : Elevated temperatures and open flames.
Incompatible Materials : Avoid acids and oxidizing materials.

11. Toxicological Information

Acute Toxicity (Oral LD50) : 862 mg/kg (female rat). Harmful if swallowed.
Acute Toxicity (Dermal LD50) : >2,020 mg/kg (male and female rats). May be harmful in contact with skin.
Acute Toxicity Inhalation LC50 : >4.40 mg/L/4 hours (rats exposed to undilute aerosol). Harmful if inhaled.
Likely Routes of Exposure : Ingestion, inhalation, skin, eyes
Skin Irritation : Causes mild skin irritation. Mean scores were ≤ 1.2 for erythma/eschar or edema at 24, 48 and 72 hours.
Eye Irritation : Causes eye irritation.
Skin Sensitization : May cause an allergic skin reaction. Produced a sensitizing reaction in Guinea pigs.
Carcinogenic : No information found
Chronic Effects : No information found
Other Hazards : Limited evidence of developmental toxicity based on similar formulation. Weight of evidence indicates MCPA is not mutagenic.

12. Ecological Information

Ecotoxicity : No information found
Persistence and Degradability : No information found
Bioaccumulative Potential : No information found
Mobility in Soil : No information found
Other Adverse Effects : No information found

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 D.O.T.
Transport Hazard Class : None



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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)

15. Regulatory Information

National Fire Protection Association Rating :

Health: 2 Fire: 0 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: Y
Delayed (Chronic) Health: Y
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 : 5905-506

FIFRA Signal Word : Caution

FIFRA Label Statement : Keep out of reach of children.

FIFRA Label Statement : Harmful if swallowed, inhaled or absorbed through skin.

FIFRA Label Statement : Avoid contact with skin, eyes or clothing.

FIFRA Label Statement : Avoid inhaling vapor or spray mist.

FIFRA Label Statement : Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIFRA Label Statement : No additional label statements.

FIFRA Label Statement : No additional label statements.

16. Other Information

Data of Preparation/Revision : 18-October-2019