



# Safety Data Sheet

Report Date 24-Nov-15

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## 1. Identification

**Product Name** : WILDCARD (TM)  
**Synonyms** : None  
**Product Use** : 2-Ethylhexyl Ester of MCPA  
**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** : 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  
Causes eye irritation  
Causes mild skin irritation  
Harmful if inhaled  
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/m<sup>3</sup>; PEL=10 mg/m<sup>3</sup>
- 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 F.
- 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** : 1.014-1.034
- 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  $\leq 1.2$  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.

### 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  
**UN Identification Number** : None



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**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** : 24-November-2015