


| NFPA HAZARD RATING |          |   |              | U.S. TRANSPORT SUMMARY |  |
|--------------------|----------|---|--------------|------------------------|--|
| 0                  | Least    |   |              |                        |  |
| 1                  | Slight   | 2 | Health       |                        |  |
| 2                  | Moderate | 1 | Flammability |                        |  |
| 3                  | High     | 0 | Reactivity   |                        |  |
| 4                  | Severe   |   |              |                        |  |

Regulated in quantities of 119 gallons or greater; see Section 14 for full information.

| SECTION 1: IDENTIFICATION   |   |
|---|---|
| <b>Product Name:</b> Weld® Herbicide<br><b>EPA Registration #:</b> 1381-246<br><b>Product ID/Unity #:</b> 10134125, 10134140, 1400185, 1415749<br><b>Common Name:</b> Mixture of MCPA, Fluroxypyr, and Clopyralid<br><b>Chemical Description:</b> Mixture of MCPA, Fluroxypyr, and Clopyralid<br><b>Recommended Uses:</b> Agricultural Herbicide. See product label for complete list of uses and use sites.<br><b>Restrictions for Use:</b> See product label for information regarding restrictions on the use of this product. | <b>MEDICAL EMERGENCY TELEPHONE NUMBER: 1-877-424-7452 (24hrs)</b><br><br><b>Non-Emergency Business Inquiries: 1-855-494-6343</b><br>Mon – Fri 8am – 5pm (Central Standard Time) |
| <b>Manufactured For:</b><br>WINFIELD SOLUTIONS, LLC<br>P. O. Box 64589<br>St. Paul, MN 55164-0589   |   |
| <b>FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:</b><br><b>CHEMTREC 1-800-424-9300 (24 hours)</b>  |   |

| SECTION 2: HAZARDS IDENTIFICATION  |  |
|--|--|
| <b>EMERGENCY OVERVIEW:</b> Light amber liquid with mild organic odor. Causes mild but temporary eye irritation. Combustible liquid.  |  |
| <b>POTENTIAL HEALTH EFFECTS:</b><br><b>Eyes:</b> Causes mild but temporary irritation of eyes.<br><b>Skin:</b> Contact may cause slight irritation. Prolonged or repeated exposure may lead to reddening of skin, rash, dermatitis, or other skin reactions.<br><b>Inhalation:</b> Low inhalation toxicity. Inhalation of mist may cause slight irritation of the upper respiratory tract.<br><b>Ingestion:</b> May be harmful if swallowed.<br><b>Preexisting Conditions:</b> Preexisting respiratory and dermal conditions may be aggravated by exposure.<br><b>Chronic Health Effects:</b> Components of this product have been shown to have target effects to the liver, kidney and central nervous system after repeated exposure. |  |
| <b>Carcinogenicity</b> NTP: Suspected (Naphthalene)    IARC: Group 2B (Naphthalene)    OSHA: Not listed  |  |
| <b>OSHA HCS 2012 CLASSIFICATION:</b> Eye Irritation Category 2B; Flammable Liquid Category 4; Carcinogenicity Category 2   |  |
| <b>SIGNAL WORD:</b> WARNING  |  |
| <b>HAZARD STATEMENTS:</b><br>Causes eye irritation.<br>Combustible liquid.<br>Suspected of causing cancer.   |  |
|   |  |
| Percent of product with unknown toxicity: 0%   |  |

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**PRECAUTIONARY STATEMENTS:**

**Prevention:** Wash hands thoroughly after handling. Keep away from flames and hot surfaces. - No smoking. Wear protective gloves, eye protection and face protection. Read product label before use. Do not handle until all safety precautions have been read and understood.

**Response:** **If in eyes:** Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. **In case of fire:** Use water fog, water spray, foam, dry chemical, or carbon dioxide (CO2) to extinguish. **If exposed or concerned:** Get medical attention.

**Storage:** Store in a secured, well-ventilated place. Keep cool.

**Disposal:** Dispose of contents/container in accordance with Federal, state and local regulations.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient   | % (wt)       | CAS Reg. # |
|--|--------------|------------|
| MCPA, 2-ethylhexyl ester   | 30.73%       | 29450-45-1 |
| Fluroxypyr, 1-methylheptyl ester   | 10.37%       | 81406-37-3 |
| Clopyralid   | 5.60%        | 1702-17-6  |
| Solvent Naphtha (Petroleum), Heavy Aromatic  | 32.0 – 35.0% | 64742-94-5 |
| Naphthalene  | <5.0%        | 91-20-3    |
| 1-Methylnaphthalene  | <4.5%        | 90-12-0    |
| 2-Methylnaphthalene  | <9.0%        | 91-57-6    |
| Dipropylene glycol monomethyl ether  | 11.0 – 12.5% | 34590-94-8 |
| 2-ethyl hexanol  | <1.0%        | 104-76-7   |
| *Ingredients not specifically listed are non-hazardous and are considered to be confidential business information under 29 CFR 1910.1200(i). |              |            |
| See Section 8 for exposure limits.   |              |            |

**SECTION 4: FIRST AID MEASURES**

**Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs.

**Ingestion:** Seek medical attention or call a poison control center for treatment advice. Do not induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Eyes:** Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Seek medical attention if irritation persists.

**Skin:** Remove contaminated clothing and wash before re-using. Flush skin with water and then wash with soap and water. Seek medical attention if irritation persists.

**SECTION 5: FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:** Water fog, water spray, foam, dry chemical, carbon dioxide (CO2)

**Unsuitable Extinguishing Media:** Water jet

**Special Fire Fighting Procedures:** Wear NIOSH/MSHA approved self-contained breathing apparatus and full bunker gear. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later. Avoid breathing vapors; keep upwind.

**Hazardous Combustion Products:** Toxic gases may be formed in a fire situation. Carbon monoxide and other asphyxiates may form as well.

**Unusual Fire and Explosion Hazards:** Closed containers may explode from vapor expansion in high heat.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.

**Environmental Precautions:** Keep spilled product from entering sewers or waterways.

**Methods for Containment:** Contain spilled product by diking area with sand or earth.

**Methods for Clean-up:** Cover contained spill with an inert absorbent material such as sand, vermiculite or other appropriate material. Do not use combustible materials such as sawdust. Vacuum, scoop, or sweep up material and place in a container for disposal. Do not place spilled material back in original container.

**Other Information:** Spills of this product may require reporting under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as the product contains Naphthalene with a reportable quantity (RQ) of 100 lbs. See Section 15 for additional information.

**SECTION 7: HANDLING AND STORAGE**

**Handling:** RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS AND WORKERS must refer to the pesticide product label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Ensure adequate ventilation. Immediately clean up spills that occur during handling. Keep containers closed when not in use. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

**Storage:** Store in secured, cool, dry areas designated specifically for pesticides, away from children, feed and food products and sources of heat. Keep containers closed when not in use. **See pesticide product label for additional storage information.**

**Minimum Storage Temperature:** Not determined

**Other Precautions:** Consult Federal, state and local laws and regulations pertaining to storage.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| <b>Component:</b>                                     | <b>OSHA PEL</b>                         | <b>ACGIH TLV</b>                           | <b>NIOSH REL</b> |
|---|---|--|------------------|
| Dipropylene glycol monomethyl ether (CAS #34590-94-8) | 600 mg/m <sup>3</sup><br>100 ppm (skin) | 100 ppm (TWA);<br>150 ppm (STEL) (skin)    |                  |
| Naphthalene (CAS #91-20-3)                            | 50 mg/m <sup>3</sup> ; 10 ppm (TWA)     | 10 ppm (TWA)<br>15 ppm skin (STEL); (skin) |                  |
| 1-methylnaphthalene (CAS #90-12-0)                    |   | 0.5ppm (TWA) (skin)                        |                  |
| 2-methylnaphthalene (CAS #91-57-6)                    |   | 0.5ppm (TWA) (skin)                        |                  |

**NOTE TO END USERS:** PERSONAL PROTECTIVE EQUIPMENT (PPE) AND CLOTHING LISTED IN THIS SECTION IS FOR MANUFACTURING, COMMERCIAL BLENDING AND PACKAGING WORKERS. APPLICATORS AND HANDLERS SHOULD REFER TO THE PESTICIDE PRODUCT LABEL FOR PROPER PERSONAL PROTECTIVE EQUIPMENT (PPE) AND CLOTHING.

**Respiratory Protection:** Where airborne exposure to concentrations greater than the above listed exposure limits is likely, use a NIOSH approved respirator with cartridges/canisters approved for pesticides and organic vapors.

**Engineering Controls:** **Local Exhaust:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

**Protective Gloves:** Wear chemical resistant gloves to prevent skin exposure.

**Eye Protection:** Wear chemical goggles or safety glasses and full-face shield. Contact lenses are not eye protective devices. An emergency eyewash or water supply should be readily accessible to the work area.

**Other Protective Clothing or Equipment:** Wear long sleeve shirt, long pants and chemical resistant shoes plus socks to prevent skin exposure.

**Work/Hygienic Practices:** Never eat, drink, nor use tobacco in work areas. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

| SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES |   |  |                               |
|---|---|--|-------------------------------|
| Physical State:                             | Liquid                                    | Specific Gravity (H <sub>2</sub> O=1): | 1.054 – 1.062 (1.058 typical) |
| Vapor Pressure (mm Hg):                     | Not determined                            | Density (lbs/gallon):                  | 8.78 – 8.85 (8.81 typical)    |
| Vapor Density (Air=1):                      | Not determined                            | Melting Point/Freezing Point:          | Not determined                |
| Solubility in Water (wt %):                 | Emulsifiable                              | Boiling Point/Range:                   | Not determined                |
| Viscosity:                                  | Not determined                            | pH (1% dispersion):                    | 2.0 – 4.0                     |
| Appearance and odor:                        | Light amber liquid with mild organic odor | Flash Point:                           | 188°F                         |

| SECTION 10: STABILITY AND REACTIVITY  |  |
|---|--|
| <b>Reactivity:</b> None known   |  |
| <b>Chemical Stability:</b> Product is stable at ambient temperature and pressure, under normal storage and handling conditions.   |  |
| <b>Possibility of Hazardous Reactions:</b> Will not occur   |  |
| <b>Conditions to Avoid:</b> Avoid high temperatures, heat or flame.   |  |
| <b>Incompatible Materials:</b> Strong acids and bases.  |  |
| <b>Hazardous Decomposition Products:</b> Oxides of sulfur, nitrogen, and other chemicals may be formed in a fire situation. Carbon monoxide and other asphyxiates may form as well. |  |

| SECTION 11: TOXICOLOGICAL INFORMATION  |  |
|--|--|
| <b>ACUTE TOXICITY</b>  |  |
| <b>Eye Effects:</b>  | Causes mild eye irritation clearing within 72 hours. (rabbit)  |
| <b>Skin Effects:</b>   | Causes mild skin irritation clearing within 72 hours (rabbit); LD50 >5,050 mg/kg (rat); Not a skin sensitizer                              |
| <b>Acute Inhalation Effects:</b>   | LC50 >2.23 mg/L (rat); No mortality or abnormalities occurred during the study. The product is not anticipated to be toxic by inhalation.  |
| <b>Acute Oral Effects:</b>   | LD50 = 3,129 mg/kg (female albino rats)  |
| <b>Specific Target Organ Toxicity:</b>   | None known   |
| <b>CHRONIC TOXICITY</b>  |  |
| <b>Chronic Effects:</b>  | Components of this product have been shown to have target effects to the liver, kidney and central nervous system after repeated exposure. |
| <b>Carcinogenicity:</b>  | Naphthalene is considered to be a suspected human carcinogen.  |
| <b>Mutagenicity:</b>   | None known   |
| <b>Teratogenicity:</b>   | None known   |
| <b>Reproductive Toxicity:</b>  | None known   |
| <b>POTENTIAL HEALTH EFFECTS:</b>   |  |
| <b>Eyes:</b> Causes mild but temporary irritation of eyes.   |  |
| <b>Skin:</b> Contact may cause slight irritation. Prolonged or repeated exposure may lead to reddening of skin, rash, dermatitis, or other skin reactions. |  |
| <b>Inhalation:</b> Low inhalation toxicity. Inhalation of mist may cause slight irritation of the upper respiratory tract.                                 |  |
| <b>Ingestion:</b> May be harmful if swallowed.   |  |

| SECTION 12: ECOLOGICAL INFORMATION  |               |
|---|---------------|
| <b>ENVIRONMENTAL SUMMARY:</b> This product is toxic to fish, aquatic invertebrates and aquatic plants. 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. |               |
| <b>ECOTOXICITY DATA:</b>  |               |
| <b>Fish Acute and Prolonged Toxicity:</b>   | Not available |
| <b>Aquatic Invertebrate Acute Toxicity:</b>   | Not available |
| <b>Aquatic Plant Toxicity:</b>  | Not available |
| <b>Bird Acute and Prolonged Toxicity:</b>   | Not available |
| <b>Honeybee Toxicity:</b>   | Not available |

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**ENVIRONMENTAL EFFECTS:**

|                                       |  |
|---------------------------------------|--|
| <b>Soil Absorption/Mobility:</b>      | MCPA has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Clopyralid is a chemical which can travel (seep or leach) through soil and under certain conditions contaminate groundwater which may be used for irrigation or drinking purposes. |
| <b>Persistence and degradability:</b> | None known   |
| <b>Bioaccumulative Potential:</b>     | None known   |
| <b>Other adverse effects:</b>         | None known   |

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste:** Dispose of in accordance with applicable Federal, state and local laws and regulations.  
**Container:** Triple rinse and recycle the container or dispose of in accordance with Federal, state and local laws and regulations.  
**See pesticide product label for full instructions on disposal.**  
**RCRA Characteristics:** It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.

**SECTION 14: TRANSPORT INFORMATION**

|                          |   |
|--------------------------|---|
| <b>DOT:<br/>(Ground)</b> | This product is not regulated by the U.S. DOT as a hazardous material for ground shipment in quantities of less than 119 gallons. For quantities of 119 gallons to 239 gallons:<br>NA1993, Combustible liquid, n.o.s. (heavy aromatic naphtha),3, PGIII<br>For quantities of 240 gallons and greater:<br>NA1993, Combustible liquid, n.o.s. (heavy aromatic naphtha),3, PGIII, RQ (naphthalene) |
| <b>IMDG:<br/>(Sea)</b>   | Not determined  |
| <b>IATA:<br/>(Air)</b>   | Not determined  |
| <b>TDG:<br/>(Canada)</b> | Not determined  |

**SECTION 15: REGULATORY INFORMATION**

**TSCA Inventory:** This product is exempt from TSCA inventory listing requirements as it is solely for FIFRA regulated use.

**SARA Title III Information:**

**Section 302 - Extremely hazardous substances:** None listed

**Section 311/312 – Hazard Categories:** Immediate (Acute), Delayed (Chronic), Fire

**Section 313 –** The following chemicals are subject to the reporting requirements of Section 313 of Title III, Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372:

Naphthalene (CAS #91-20-3) <5.0%%

**CERCLA -** This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):

Naphthalene (CAS #91-20-3) has an RQ of 100 lbs reached with 240 gallons of product.

**EPA Registration Information:** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling 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:

**CAUTION**

Causes moderate eye irritation.

Harmful if swallowed.

Avoid contact with eyes or clothing.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**California Proposition 65: WARNING:** This product contains a chemical known to the state of California to cause cancer and/or reproductive harm.

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**U.S. State Worker and Community Right-To-Know (RTK) Information (CT, IL, MA, MN, NH, NJ, PA, RI):**

| <b>Chemical Name</b>                        | <b>CAS #</b> | <b>State(s)</b>    |
|---|--------------|--------------------|
| Solvent Naphtha (Petroleum), Heavy Aromatic | 64742-94-5   | PA                 |
| 1-Methylnaphthalene                         | 90-12-0      | PA                 |
| Dipropylene glycol monomethyl ether         | 34590-94-8   | MA, NJ, PA         |
| 2-ethyl hexanol                             | 104-76-7     | MA, PA             |
| 2-Methylnaphthalene                         | 91-57-6      | IL, NJ, PA         |
| Naphthalene                                 | 91-20-3      | IL, MN, NJ, PA, RI |

**Canadian Domestic Substances List:** Not determined**WHMIS Classification:** This product is not approved for use in Canada. WHMIS classification is not determined.**SECTION 16: OTHER**

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