



## MCPE

### Phenoxy Herbicide

For Wheat, Barley, Oats and Rye

#### ACTIVE INGREDIENT:

2-methyl-4-chlorophenoxyacetic acid isooctyl (2-ethylhexyl) ester\* ..... 68.7%

INERT INGREDIENTS: ..... 31.3%

Total..... 100.0%

\* Equivalent to 44.1% of 2-methyl-4-chlorophenoxyacetic acid or no less than 3.7 lbs. of MCPA acid per gallon at 68° F. Isomer specific by AOAC Method No. 6.A18-22 (13th ed.). Product contains petroleum distillates

#### KEEP OUT OF REACH OF CHILDREN

#### WARNING

#### AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to read it to you in detail.)

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Harmful if swallowed, inhaled or absorbed through skin. Causes skin irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist.

#### FIRST AID

**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 by a poison control center or doctor.

**IF IN EYES:** Hold eyelids 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. Call a poison control center or doctor for treatment advice.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 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 treatment advice.

**Note to Physician:** Contains petroleum distillate – vomiting may cause aspiration hazard.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of medical emergency call toll free – 1-877-424-7452.

#### Personal Protective Equipment:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves, such as neoprene, nitrile rubber, barrier laminate, or viton.
- Shoes plus socks.
- Protective eye wear.

Discard clothing or other materials that have become drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning or maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

EPA REG. No. 1381-98

EPA Est. No.

NET CONTENTS \_\_\_\_\_ GALS.

Distributed by Agrilience, LLC  
P.O. Box 64089, St. Paul MN 55164-0089

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**Engineering Controls Statement:**

If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

When handlers use closed systems, enclosed cabs, or aircraft, in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

<b>USER SAFETY RECOMMENDATIONS</b>
<p>Users should:</p> <ul style="list-style-type: none"> <li>- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.</li> <li>- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> <li>- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.</li> </ul>

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. Drift or runoff adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

Most cases of groundwater contamination involving phenoxy herbicide such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

<b>AGRICULTURAL USE REQUIREMENTS</b>
<p>Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forest, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements of this box apply only to those uses of this product that are covered by the Worker Protection Standard.</p> <p>Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.</p> <p>PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:</p> <ul style="list-style-type: none"> <li>- Coveralls</li> <li>- Chemical-resistant gloves such as neoprene or nitrile rubber or barrier laminate or viton.</li> <li>- Shoes plus socks.</li> <li>- Protective eyewear.</li> </ul>

## STORAGE AND DISPOSAL

**STORAGE:** Store in a secure area, in original container only, away from fertilizers, food, or feed. Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE DISPOSAL:** Pesticide waste are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of 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.

**CONTAINER DISPOSAL:** Metal containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, 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.

This product is recommended for controlling the following as well as many other plants susceptible to MCPA.

### ANNUAL AND BIENNIAL WEEDS

Annual sowthistle, Beggarticks, \*\* Chervil, Cocklebur, Fanweed (pennycress), \* Goatsbeard, \* Hempnettle, Lambsquarter, \* Marshelder, Miner's lettuce, Mustards (except blue), Pepperweed (field), Poison hemlock, \*Puncturevine, Pigweed, \* Purslane, Ragweed, \*\* Russian thistle, \* Shepherdspurse, Stinkweed, Sunflower, Wild radish.

### PERENNIAL WEEDS

Buttercup, \* Canada thistle, Dandelion, Dragonhead mint, Stinging nettle, Perennial sowthistle, Plantains, Vetch, \*Whitetop (Hoary cress), \* Yellow rocket (Wintercress).

\* Use the higher rate for control. Repeat treatments may be necessary.

\*\* Regrowth may occur after repeat treatment.

### USE PRECAUTIONS

Unless otherwise noted under individual **DIRECTIONS** section, for aerial application, apply the recommended amount in a minimum of 2 gallons of water per acre. For ground application, apply the recommended amount in a minimum of 10 gallons of water per acre. Use more water for both methods when adverse growing conditions are present. **DO NOT** apply with high spray pressures, hollow cone or other nozzle types that produce small spray droplets which may drift. Avoid spray drift by making applications when conditions such as wind, air stability and temperature inversions are not a factor. The use of a suitable drift control agent at the proper rate will aid in the reduction of spray drift. Do not apply this product through any type of irrigation system.

### MIXING INSTRUCTIONS

**WATER BASED SPRAY** -- Fill the equipment half full of water, agitate while adding this product, then add the rest of the water.

Wash spray equipment thoroughly with **PROTANK™** cleaner after using this product. When cleaning, do not pour washwater on the ground: spray or drain over a large area away from wells or other water sources.

Consult local agricultural experiment station or extension service weed specialists for use recommendations in your area.

**Note:** When stored at temperatures below freezing, it may be necessary to warm contents to 70<sup>0</sup> F and mix thoroughly before using.

**WHEAT, BARLEY, OATS, AND RYE**

<b>WEEDS</b>	<b>AMOUNT OF MCPE PER ACRE</b>	<b>DIRECTIONS</b>
Annual weeds Annual and biennial weeds  Perennial weeds	1/2 pint 1 to 1-1/2 pints * 3 pints *	Apply when weeds are small. Apply after crop has reached the 3 to 5 leaf stage up to early boot stage (Zadoks 1 <sub>3</sub> to 4 <sub>0</sub> ). For less susceptible weeds, use the 3 pint rate after the crop has tillered and up to early boot stage (Zadoks 2 <sub>5</sub> to 4 <sub>0</sub> ). Do not spray from boot stage to dough stage (Zadoks 4 <sub>0</sub> to 8 <sub>0</sub> ).
* The higher rate may cause grain injury. Any legumes present may be killed.		
RESTRICTIONS AND LIMITATIONS FOR SMALL GRAINS Do not forage or graze treated areas for 7 days after application.		

**PASTURES, RANGELAND, CONSERVATION RESERVE PROGRAMS AND SET-ASIDE ACRES**

<b>WEEDS</b>	<b>AMOUNT OF MCPE PER ACRE</b>	<b>DIRECTIONS</b>
Established grasses * Annual and biennial weeds  Canada thistle and Whitetop (Hoary cress)	1 to 3 pints  3 pints	Apply to established grasses before the head comes into boot stage and on seedling grasses after the grass has at least 5 leaves (tillered ). Use higher rate for Whitetop, Canada thistle, and other less susceptible weeds. Spray perennial in early bud to full bloom stage and during active regrowth in the fall.
* Do not use on alfalfa, clover, other legumes or newly seeded areas.		
RESTRICTIONS AND LIMITATIONS FOR PASTURES, RANGELAND, CONSERVATION RESERVE PROGRAMS AND SET-ASIDE ACRES Do not forage or graze treated areas for 7 days after application.		

**GRASSES GROWN FOR SEED**

Do not use on alfalfa, clover, other legumes or newly seeded areas.

<b>WEEDS</b>	<b>AMOUNT OF MCPE PER ACRE</b>	<b>DIRECTIONS</b>
Annual and perennial weeds	1 to 2 pints **	Apply to established grasses before the head comes into boot. Do not spray in boot stage. Apply to seedling grasses after grass has at least 5 leaves. Use the higher rate where weed stands are heavy
** Repeat treatment may be needed for less susceptible weeds. In some cases, Bent, Buffalo, Carpet and St. Augustine grasses may be injured by this treatment.		
RESTRICTIONS AND LIMITATIONS FOR SEED GRASSES Do not forage or graze treated areas for 7 days after application.		

**NON-CROP AREAS**

Fence Rows, Roadsides, Rights-of-Way and Other Non-Crop Areas

<b>WEEDS</b>	<b>AMOUNT OF MCPE PER ACRE</b>	<b>DIRECTIONS</b>
Extensive areas	3/4 gallon	Apply in a minimum of 2 gallons of water per acre by air and 20 to 100 gallons of water by ground. Spray when weeds are in bud to early bloom and again during active Fall regrowth.
Spot treatment - Canada thistle, Whitetop (Hoary cress) and buttercup	1/2 pint	Apply in 3 to 4 gallons of water. Spray to thoroughly wet weeds.
<b>RESTRICTIONS AND LIMITATIONS FOR NON-CROP AREAS</b> Do not forage or graze treated areas for 7 days after application.		

**Notice of Warranty**

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

In case of emergency involving this product or for user safety information on this product, contact Agrilience, LLC via CHEMTREC at 1-800-424-9300.