**Environmental Hazards**

Drift or run-off may adversely affect nontarget plants. For terrestrial uses, 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 domestic or irrigation waters. Do not contaminate domestic or irrigation waters. Spray equipment used in applying this product should be thoroughly cleaned after use to prevent groundwater contamination.

Most cases of groundwater contamination involving phenoxy herbicides 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 the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

**Precautionary Statements**

**Hazards to Humans and Domestic Animals**

Corrosive, causes irreversible eye damage. Do not get in eyes, on skin, or clothing. Avoid inhalation of spray mist. Harmful if swallowed, inhaled or absorbed through skin.

**Non-WPS Uses:** Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) -- in general, only agricultural plant uses are covered by the WPS -- must wear: eye protection and rubber gloves.

**WPS Uses:** Personal Protective Equipment - Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170) -- in general, agricultural plant uses are covered -- must wear: long-sleeved shirt, long pants, waterproof gloves, shoes plus socks, and protective eyewear. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statements: 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.

**User Safety Recommendations**

**Users Should:** Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**First Aid Statement**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**In Eyes:**

Hold eye open and rinse slowly and gently with water for 15 to 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.

**In swallowed:**

If person is not breathing, call 911 or an ambulance, then give artificial respirations. Preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Irritant:**

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

**Non-Worker Protection Requirements**

Dilute or modified as specified in the WPS. Do not apply this product through any type of irrigation system. Do not contaminate domestic or irrigation waters. Do not contaminate domestic or irrigation waters. Spray equipment used in applying this product should be thoroughly cleaned after use to prevent groundwater contamination.

Most cases of groundwater contamination involving phenoxy herbicides 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 the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

**Agricultural Use Requirements**

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, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains provisions for training, documentation, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to use of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

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: coveralls, waterproof gloves, shoes plus socks, and protective eyewear.

**General Information**

MCPA is effective on a large number of broadleaf weeds and is useful for controlling these weeds in certain crops. Several crops, such as flax, oats and small grains underseeded to legumes, are more tolerant of MCPA than they are of 2,4-D. Crop varieties vary in response to MCPA, and some may be easily injured. Apply this product only to varieties known to be tolerant to MCPA. Injury to crops may occur from this pesticide. If you are not prepared to accept some degree of crop injury, do not use this product. If you are uncertain concerning tolerant varieties or local use situations that may affect crop tolerance to MCPA, contact your seed company or State Agricultural Extension Service for advice.

**Effective on Weeds:**

Wilbur-Ellis MCPA Amine is effective on a large number of broadleaf weeds. On Mustard, Thistle, and White top or Hoary cress, it has superiority over 2,4-D. Crop varieties vary in response to MCPA, and some may be easily injured. Apply this product only to varieties known to be tolerant to MCPA. Injury to crops may occur from this pesticide. If you are not prepared to accept some degree of crop injury, do not use this product. If you are uncertain concerning tolerant varieties or local use situations that may affect crop tolerance to MCPA, contact your seed company or State Agricultural Extension Service for advice.

NOTE: Adding oil, wetting agent or other surfactant to the spray may reduce selectivity to crops, possibly resulting in crop injury.
Selective Spraying: When using grass, grain, flax, grasslands and pastures - do not forage or graze dairy and meat animals on treated areas within seven days of slaughter and/or treatment.

Wheat, Oats, Barley and Rye - Not undersown with legumes - Apply as a water mix spray by ground sprayer or airplane. Use 1/2 to 1 pint per acre for the more susceptible weeds after crop has reached the 3 to 4 leaf stage up to boot stage. Use up to 3 pints per acre for less susceptible weeds and grasses. Do not spray from boot stage upward. Do not spray from boot stage upward.

Wheat, Oats, Barley and Rye - Undersown with legumes - Alfalfa, Aiske, Birdfoot Trefoil, Lespe-deza, Red and White clover: For emergency control of serious infestations of Mustard, Yellow rocket and other susceptible broadleaf weeds, use 1/4 to 1/2 pint per acre. The 1/4 to 1/2 pint per acre rate can produce injury to legumes. Balance the severity of your weed problem against the possibility of crop damage.

Make application after cereal is well tillered in the 4-leaf stage (4 to 8 inches tall) when legumes are 2 to 3 inches tall. Do not spray grain in the boot to dough stage. The nurse crop and weeds should provide a protective canopy which, together with the use of low gallonage applied at low pressure, will minimize damage to the legumes. Use the 1/4 to 1/2 pint per acre rate to minimize the potential for damage to legumes. The 3/4 pint per acre application can produce injury to wheat. Balance the severity of your weed problem against the possibility of crop damage. Where perennial weeds are scattered, spot treatment is suggested to minimize the effect of crop injury.

Grasses:

Established Lawns, Golf Courses and Similar Turf Grasses - apply during excessively dry or hot periods unless irrigation (watering) is used before treatment.

Established Grassland and Pastures - in the third mowing. Applying during excessively dry or hot periods unless irrigation (watering) is used before treatment. Use smaller areas, use 1 fluid ounce (4 tablespoonfuls) mixed in 1 to 3 gallons of water and apply uniform-ly over 1,000 square feet. Do not exceed specified application dosages for any area. Avoid applying during excessively dry or hot periods unless irrigation (watering) is used before treatment. Fall wet results are not good if rainfall is expected within 48 hours, nor should lawns be irrigated for 48 hours following application. For optimum results, turf should not be mowed for 1 to 2 days before and after application. Reseed no sooner than 3 to 4 weeks after application of this product. Spring and Fall are best seasons to treat. Grassland and pasture sprayers may use for excessive early bud stage may result in severe damage. If Canada thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result.

Range and Timberlands - MCPA Amine may be used with Finesse® SGF after weeds have emerged. For best results, use 1/10 ounce of Ally per acre; add MCPA Amine herbicide to the tank at 1/4 to 1/2 pound per acre. Surfactant may be added to the mixture at 1/4 to 1/2 pint per 100 gallons of spray volume; however, the addition of surfactant may increase the potential for crop injury. In tank mixings containing 1/8 pound a.e. per acre of MCPA Amine per acre, add 1 to 2 pints of surfactant; in tank mixings containing 1/4 to 3/8 pound a.e. per acre, add 1 pint of surfactant. Higher rates of MCPA Amine may be used, but do not exceed highest rate allowed on the label. Always mix Harmony Extra with water prior to adding MCPA Amine and surfactant.

MCPA Amine may be tank mixed with Harmony® Extra for use on Wheat, Barley, and Oat. For best results, add MCPA Amine to the tank at 1/8 to 3/4 pound a.e. per acre. Surfactant may be added to the mixture up to 2 pints per 100 gallons of spray volume; however, the addition of surfactant may increase the potential for crop injury. In tank mixings containing 1/8 pound a.e. per acre of MCPA Amine per acre, add 1 to 2 pints of surfactant; in tank mixings containing 1/4 to 3/8 pound a.e. per acre, add 1 pint of surfactant. Higher rates of MCPA Amine may be used, but do not exceed highest rate allowed on the label.

Always mix Harmony Extra with water prior to adding MCPA Amine and surfactant.

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MCPA Amine may be tank mixed with Harmony® Extra for use on Wheat, Barley, and Oat. For best results, add MCPA Amine to the tank at 1/8 to 3/4 pound a.e. per acre. Surfactant may be added to the mixture up to 2 pints per 100 gallons of spray volume; however, the addition of surfactant may increase the potential for crop injury. In tank mixings containing 1/8 pound a.e. per acre of MCPA Amine per acre, add 1 to 2 pints of surfactant; in tank mixings containing 1/4 to 3/8 pound a.e. per acre, add 1 pint of surfactant. Higher rates of MCPA Amine may be used, but do not exceed highest rate allowed on the label. Always mix Harmony Extra with water prior to adding MCPA Amine and surfactant.
Do not add ammonium sulfate or UAN solutions to this tank mix. Stage for treatment. Buctril or Poast applied with MCPA Amine may cause leaf burn, retarded growth, a.e. per acre. Do not delay spraying broadleaf weeds, even though grassy weeds are not in correct mixture to the final volume. Agitation must be continuous from the time of mixing through spraying. Prepare the tank mix by adding MCPA Amine to half the final water volume, then oil concentrate or Dash HC spray adjuvant, then Poast, then Buctril, and bring the respective product labels. MCPA Amine may be used to control broadleaf weeds. MCPA Amine may be tank mixed with Tordon® 22K, a restricted-use pesticide. For use on barley, oats and wheat not underseeded with a legume (which is not flood or sub-irrigated and not rotated to broadleaf crops).

MCPA Amine may be tank mixed with Curtail®. Apply Curtail at a rate of 2 to 2-2/3 pints plus MCPA Amine using up to 1/2 pint per acre in the Spring to actively growing wheat or barley once four leaves have unfolded on the main stem and tillering has begun up to the jointing stage (first node of main stem detectable). To control or suppress weeds, make application at the maximum emergence of the target weeds, but before they exceed three inches in height or diameter (four rosettes). To obtain season-long control of perennial weeds, such as Canada thistle, apply after the majority of the weed’s basal leaves have emerged from the soil, but before bud stage. A late timing of application (when the grain is between the jointing and boot stages) may be used to treat later-emerging weeds; however, do not apply unless the risk of injury is acceptable. Do not apply after the boot stage.

NOTE: Higher rates of Curtail or any application of Curtail following a Spring post-emergence treatment with MCPA may increase risk of crop injury. MCPA Amine may be tank mixed with Stinger® for weed control in wheat, barley, and oats. Apply 1/4 to 1/3 pint of Stinger plus 1/2 to 1 pint of MCPA Amine per acre from the three-leaf stage up to early boot stage of growth. For control of perennial weeds, such as Canada thistle, 1/3 pint of Stinger per acre should be used. Russian knapweed will only be suppressed at this rate.

MCPA Amine may be tank mixed with Stinger for application in grasses grown for seed. Apply only to established grasses before the boot stage. Application in the boot stage and beyond can increase injury. Do not apply to Bentgrass unless injury can be tolerated. For control of late-emergent Canada thistle, a pre-harvest treatment may be made after the grass seed is fully developed. Treatment of Canada thistle at the bud stage or later may result in less consistent control. Post-harvest treatments may be made to actively growing Canada thistle after the majority of basal leaves have emerged. Use 2 to 4 pints of MCPA Amine with 1/4 to 2/3 pint of Stinger per acre. For control of annual weeds and Canada thistle - treat as necessary, do not exceed 2/3 pint of Stinger per acre per season.

NOTE: Do not tank mix Stinger with MCPA Amine unless the risk of injury is acceptable.

MCPA Amine may be tank mixed with Average® for use in barley and wheat. MCPA Amine may be used in combination with Poast® and Buctril® for grass and broadleaf weed control in Flax. Controls a mixed population of grasses and broadleaf weeds listed as susceptible on the respective product labels. Prepare the tank mix by adding MCPA Amine to half the final water volume, then oil concentrate or Dash HC spray adjuvant, then Poast, then Buctril, and bring the mixture to the final volume. Agitation must be continuous from the time of mixing through spraying. Mix these three products according to the rates recommended on the respective product labels, up to a maximum of one pint of Buctril equivalent per acre, or up to a maximum of 1/4 pound MCPA Amine a.e. per acre. Do not delay spraying broadleaf weeds, even though grassy weeds are not in correct stage for treatment. Buctril or Poast applied with MCPA Amine may cause leaf burn, retarded growth, and delayed maturity of the crop. Some reduced grass control may be experienced with this tank mix. Do not add ammonium sulfate or UAN solutions to this tank mix.

**STORAGE AND DISPOSAL**

**STORAGE:** Always use original container to store pesticides in a secured warehouse or storage building. Do not store near open containers of fertilizer, seed or other pesticide. Store at temperatures above 32°F. If allowed to freeze, warm to at least 40°F and remix before using. Freezing does not alter this product. Containers should be opened in well-ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high. Do not contaminate water, food or feed by storage and disposal.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixtures, or rinseate is a violation of Federal law. If container is damaged or if pesticide has leaked, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed labeled container for proper disposal. 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.

**CONTAINER DISPOSAL:** 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 are also disposable by incineration, or if allowed by State and local authorities by burning. If burned, stay out of smoke.

**IN CASE OF EMERGENCY, CALL CHEMTREC:** (800) 424-9300

Local conditions may affect the use of this chemical. Consult State Agricultural Experimental Station or Extension Service weed specialist for specific recommendations for local weed problems and for information on possible lower dosages.

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**WARRANTY STATEMENT:** WILBUR-ELLIS COMPANY warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of WILBUR-ELLIS COMPANY. In no case shall WILBUR-ELLIS COMPANY be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling or application of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid for this product or at WILBUR-ELLIS COMPANY’S election, the replacement of this product. WILBUR-ELLIS COMPANY makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

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Manufactured in the U.S.A for:

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