

1381-104

8/9/2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

AUG 9 2001

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Steve E. Rogosheske
Agriliance, LLC
P.O. Box 64089
St. Paul, MN 55164-0089

Dear Mr. Rogosheske:

Subject: Revised Labeling
MCPA Amine
EPA Registration No. 1381-104
Your Submission Dated July 26, 2001

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- Specify "Chemical Resistant Gloves Category A" instead of "Waterproof Gloves" on everywhere it appears on the Label.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Joanne".

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

ACCEPTED
with **COMMENTS**
In EPA Letter Dated:

AUG 9 2001

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.

AgriSOLUTIONS

MCPA Amine

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ACTIVE INGREDIENT:

Dimethylamine salt of 2-methyl-4-chlorophenoxyacetic acid48.72%

INERT INGREDIENTS :51.28%

Total100.00%

* Equivalent to 39.72% 2-methyl-4-chlorophenoxyacetic acid. Contains 3.70 lbs. of 2,4-D MCPA AMINE per gallon.

Isomer specific by AOAC Method No. 6.A18-22 (13th Edition)

KEEP OUT OF REACH OF CHILDREN

DANGER

PELIGRO

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 some one to explain it to you in detail.)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

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

FIRST AID

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 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 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.

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 emergency call toll free 1-800-228-5635.

Personal Protective Equipment:

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Protective eye wear

Discard clothing or 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 or maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

EPA REG. No. 1381-104

EPA Est. 70989-IA-1

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

NET CONTENTS

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Engineering controls statement:

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.
- 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.

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect non-target 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 water when disposing of equipment washwaters. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPA AMINE have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA AMINE 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.

Use care to avoid spray contact or drift to susceptible plants such as beans and other legumes, cotton, flowers, grapes, ornamental, vegetables, and other plants. Do not permit spray mist containing this product to drift onto them, since even very small quantities of the spray, which may not be visible, can cause severe injury during both growing and dormant periods.

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.

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 requirements for training, decontamination, 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 of this box apply only to uses 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.
- Protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

STORAGE AND DISPOSAL

STORAGE: Store in a secure area, in original container only. Do not store near feed or foodstuffs. Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ANNUAL AND BIENNIAL WEEDS

Beggerticks, bull thistle, burdock (common), burhead, cocklebur, * goatsbeard, * hempnettle, * jimsonweed, * kochia, * ladythumb, lambsquarter, * marshelder, mustards (except blue), pennycress (fanweed), pepperweed (field), pigweed (tumble, prostrate, smooth), poison hemlock, prickly lettuce, * puncturevine, ragweed (common, giant), redstem, * shepardspurse, sicklepod, stinkweed, * sunflower, * velvetleaf, Venice mallow, * wild carrot, wild radish, witchweed.

PERENNIAL WEEDS

Arrowhead, * bulrush, * bindweed (hedge, field), buttercup (corn, creeping, hairy), * Canada thistle, curly indigo, dandelion, dragonhead mint, ** hempnettle, * hoary cress (white top), * honey suckle, plantain, *rush (soft), * smartweed, ** Texas blueweed, water plantain, ** whitebrush, ** wild garlic, * wild sage (Sonoma), ** wild onion, * yellow rocket.

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

** Regrowth may occur after repeat application.

USE PRECAUTIONS

Unless noted otherwise 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.

NITROGEN FERTILIZER: Weed and feed applications for small grains, grasses grown for seed or grass pastures according to label use rates. - Add half the fertilizer to the tank, then add ½ to ¾ pint of **MCPA AMINE** per acre. Agitate constantly and vigorously and finish filling the spray tank with fertilizer. Apply as soon as possible, agitating constantly.

Do not hold spray mixture overnight. If incompatibility is a problem, the use of **COMPLETE COMPATIBILITY™** agent at the recommended label rate may correct the problem. Fertilize according to the recommendations of **Agri-Source™** labs, your supplier, or your Extension specialist.

Herbicide foliage contact burning may occur as a result of fertilizer use. Lower use rates and concentrations will reduce this problem.

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

Note: When stored at temperatures below freezing, it may be necessary to warm contents to 70° F and mix thoroughly before using.

SPRING PLANTED SMALL GRAINS - Oats, Barley, Rye, and Wheat Not Underseeded With Legumes

WEEDS	Amount of MCPA AMINE Per Acre	DIRECTIONS
Annual weeds	½ pint	Apply when weeds are small.
Annual and biennial weeds	1 to 2 pints *	Apply to grain at 3 to 5 leaf stage or up to early boot stage (Zadoks 1 ₃ to 4 ₀). Do not apply during boot to dough stage (Zadoks 4 ₀ to 8 ₃).
Perennial weeds	1-1/2 to 2 pints *	

FALL PLANTED SMALL GRAINS - Oats, Barley, Rye, and Wheat Not Underseeded With Legumes

Annual and biennial broadleaf weeds	½ pint	Apply in early spring when weeds are small and grain is fully tillered, but before boot stage (Zadoks 2 ₅ to 4 ₀).
Perennial weeds	½ to 1 pint *	

RESCUE TREATMENT - Wheat

Perennial broadleaf weeds	3 pints **	Treat in spring after grain is tillered and at least 8 to 10" tall and when weeds are approaching bud stage, but do not spray when grain is in boot to dough stage (Zadoks 4 ₀ to 8 ₃).
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* The higher rate may cause grain injury.
 ** The 3 pint rate can produce injury to wheat. Use good judgement to determine the severity of weed problem against the possibility of crop damage. When weeds are scattered, spot treatment will lessen damage.

RESTRICTIONS AND LIMITATION FOR SMALL GRAINS
 Do not forage or graze meat animals on treated areas within 7 days of slaughter.

ESTABLISHED ALFALFA

WEEDS	Amount of MCPA AMINE Per Acre	DIRECTIONS
Yellow rocket, pennycress (fanweed) and other weeds	1 pint	Apply in late fall following frost or in early spring when crop is dormant. The temperature at the time of spraying should be above 40° F.

SEEDLING CLOVER ALONE, OR UNDERSEEDED WITH GRAIN AND ESTABLISHED STANDS OF ARROWLEAF, CRIMSON, RED, LADINO, AND WHITE CLOVER (EXCEPT DUTCH)

WEEDS	Amount of MCPA AMINE Per Acre	DIRECTIONS
Seedling clovers (except Dutch)	½ pint	Treat seedling stands after they have 2 or more true leaves (trifoliate stage).
Established stands	3/4 to 1 pint	Apply in late fall after frost or early spring when weeds are small. Temperature at spraying should be above 40° F.

FOR USE IN THE PACIFIC NORTHWEST ONLY. Do not apply to sweet clover. Observe drift precautions. Stem twisting will show up for a short time after application. Some growth reduction may occur.

RESTRICTIONS AND LIMITATIONS FOR ALFALFA AND CLOVERS
 Do not forage or graze treated areas for 7 days after treatment.

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

WEEDS	Amount of MCPA AMINE Per Acre	DIRECTIONS
Newly seeded clover and grass pastures	½ pint	Treat seedling stands after they have 2 or more true leaves (trifoliate stage).
Established pastures Annual, biennial and perennial weeds	1 to 4 pints*	Apply when weeds are small and growing. Spray in spring and fall. Spray perennial in early bud to full bloom and regrowth in fall. Use higher rate for hoary cress (white top), Canada thistle, buttercup, and other hard to control weeds.
Whitebrush	3 pints*	Apply in 1 gallon of diesel oil and 6 to 10 gallons of water per acre by aircraft. Apply in spring or fall when foliage is fully developed and growing. Spray during bloom, but not after blossom shed. Retreatment may be necessary. NOTE: Add MCPA AMINE to the water, then add the oil while agitating. Continue to agitate while spraying.

* Do not spray legumes, if present, unless injury can be tolerated.

RESTRICTIONS AND LIMITATIONS FOR PASTURES, RANGELAND - Do not forage or graze treated areas for 7 days after treatment.

CONSERVATION RESERVE PROGRAMS AND SET-ASIDE ACRES - Do not forage or graze at any time.

FALLOW LAND AND CROP STUBBLE

WEEDS	Amount of MCPA AMINE Per Acre	DIRECTIONS
Canada thistle, hoary cress(white top), field bindweed and Texas blueweed	6 pints	Apply when weeds are young and continue treatment for 2 to 3 years for the best results. DO NOT plant any crops for 3 months after treatment.

NON-CROP AREAS - Airfields, Drainage Ditches, Fence rows, Roadsides, Railroad, Highway and Utility Rights-of-Way and other Non-crop Areas

WEEDS	Amount of MCPA AMINE Per Acre	DIRECTIONS
Canada thistle, meadow buttercup, hoary cress (white top), and other hard-to-control weeds.	6 pints	Apply in a minimum of 2 gallons of water per acre for aerial application and 20 to 100 gallons of water for ground application. Spray the weeds thoroughly when they are in bud to early bloom and again during fall.
Spot treatment	1/4 pint	Apply in 3 to 4 gallons of water.

RESTRICTIONS AND LIMITATIONS FOR NON-CROP AREAS - Do not forage or graze treated areas for 7 days after treatment.

GRASSES GROWN FOR SEED - Do not use on alfalfa, clover, other legumes or newly seeded areas.

WEEDS	Amount of MCPA AMINE Per Acre	DIRECTIONS
Annual, biennial and perennial weeds	1 to 2 pints *	Apply to established grasses before the head comes into boot. Apply to seedling grasses after tillering. Use the higher rate for heavier weed stands.
* Legumes present may be injured or killed. Bent, Buffalo, Carpet and St. Augustine grasses may be injured by this treatment. NOTE: Repeat treatment may be needed.		
RESTRICTIONS AND LIMITATIONS FOR SEED GRASSES - Do not forage or graze treated areas for 7 days after treatment.		

FLAX

WEEDS	Amount Per Acre	DIRECTIONS
Annual, and biennial weeds	1/3 to 1/2 pint	Apply when flax is 2 to 8 inches tall. Do not spray once flax has reached the bud stage. Use at least 8 to 10 gallons of water per acre for ground application and at least 3 to 5 gallons of water per acre for aerial application.
RESTRICTIONS AND LIMITATIONS FOR USE ON FLAX – Do not allow livestock animals to forage or graze treated areas with 7 days of slaughter.		

PEAS

WEEDS	Amount Per Acre	DIRECTIONS
Annual, and biennial weeds	1/2 to 3/4 pint	Use only in the Pacific Northwest. Treat when peas are 4 to 6 inches tall. Do not spray while peas are in blossom. Peas may show slight injury, but they usually recover a few days after treatment. Use the higher rate before buds form on Canada thistle to prevent from going to seed. Do not spray peas that are stressed from lack of moisture or when temperatures are over 90° F. Apply in 15 to 30 gallons of water per acre for ground applications and 5 gallons of water per acre for aerial application.
RESTRICTIONS AND LIMITATIONS FOR USE ON PEAS – Do not allow livestock to forage or graze treated pea fields. Do not feed treated vines to livestock. Do not treat bean type peas such as crowder, blackeye, etc.		

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 a transportation emergency involving this product, contact Agrilience, LLC via CHEMTREC at 1-800-424-9300.