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34704-5

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

JAN 28 1997

William M. Mahlburg
Platte Chemical Company
P.O. Box 667
Greeley, CO 80632-0667

Dear Mr. Mahlburg:

Subject: Amended Registered Product Name
Amine 4CA 2,4-D Weed Killer
EPA Registration No. 34704-5
Your Submission Dated October 21, 1996

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. We now acknowledge the official product name for this product to be "Amine 4CA 2,4-D Weed Killer". Please use this new product name in all future correspondences with the Agency concerning this product. A stamped copy is enclosed for your records. Please submit one (1) final printed copy of the above mentioned label before releasing the product for shipment.

Sincerely yours,

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

Enclosure

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

CONCURRENCES

Table with 8 columns and 3 rows. Row 1: SYMBOL 7505C. Row 2: SURNAME MCOOKE. Row 3: DATE Jan 23, 1997. A large stamp 'BEST AVAILABLE COPY' is overlaid on the right side of the table.



AMINE 4CA

2,4-D WEED KILLER

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For selective weed control in small grains, corn, sorghum, sugarcane, pastures, rice, turf and non-crop areas.

ACTIVE INGREDIENTS:

*Dimethylamine salt of 2,4-Dichlorophenoxyacetic acid . 46.5%
INERT INGREDIENTS: 53.5%
TOTAL 100.0%

*Equivalent to 38.6% 2,4-D acid or 3.8 pounds per gallon.
†Isomer specific by AOAC Method No. 6.275-6.279 (13th Ed.)

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 this label, find someone to explain it to you in detail.)

SEE BELOW FOR ADDITIONAL
PRECAUTIONARY STATEMENTS
NET CONTENTS 2 1/2 U.S. GALLONS (9.46 L)
EPA REG. NO. 34704-5
EPA EST. NO. 37507-MT-1

IHT EXP10P96

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER — PELIGRO

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment:

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and protective eyewear. Follow manufacturer's instructions for cleaning/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.

For containers over 1 gallon and less than 5 gallons: Mixers and loaders who do not use a mechanical system (probe and pump) to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to other required PPE.

Engineering controls statements:

When handlers use 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)(5-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

For containers of 5 gallons or more in capacity: A mechanical system (probe and pump) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. 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)], 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.

Do not store near food, fertilizer or seeds.

Do not contaminate water used for irrigation, domestic or spray purposes.

Keep containers closed when not in use, and do not re-use for other purposes.

STATEMENT OF PRACTICAL TREATMENT

If in Eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.
If Swallowed: Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.
If on Skin: Wash with plenty of soap and water. Get medical attention.
If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
Note to Physician: If in eyes, specialized ophthalmologic attention may be necessary. If swallowed, probable mucosal damage may contraindicate gastric lavage. There is no specific antidote; treat symptomatically.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and 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 water when disposing of equipment washwaters.

Groundwater Contamination:

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or 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.

IMPORTANT- Extreme care must be used when applying 2,4-D to prevent injuring desirable plants and crops. 2,4-D should not be used in susceptible crops such as cotton, tomatoes, vegetables, grapes, fruit trees, soybeans, tobacco, or beans. Do not allow spray mist to drift onto such plants, since even minute quantities may cause severe injury. Use low pressure when spraying. ~~Use low pressure when spraying in greenhouses~~
EPA Letter Dated
JAN 28 1997

Do not use in greenhouses.

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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 34704-5

REC'D BY: 1-2-97

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AMINE 4CA 2,4-D WEED KILLER

EPA REG. NO. 34704-5

Large amounts of 2,4-D in the soil may temporarily inhibit seed germination.

Do not use in any manner other than recommended on the label to avoid possible crop injury or residues at harvest.

DIRECTIONS FOR USE

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

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 in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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.

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.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Do not store below temperature of 25°F. If frozen, warm to 70°F and redissolve before using by rolling or shaking the container. Store in safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law and may contaminate groundwater. 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: Metal: 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: 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.

GENERAL INFORMATION

This product is an amine salt formulation useful for the selective control of certain broadleaved annual and perennial weeds in resistant crops, such as small grains, corn, rice, pastures, turf, and in non-crop areas. CLEAN CROP AMINE 4CA 2,4-D WEED KILLER is soluble in both hard and soft water. It is equally adaptable for use in low gallonage equipment (5 to 20 gallons per acre) or high-volume equipment. Agitation is helpful to assure uniform mixing, but is not necessary after the product has been completely dispersed.

Where a range of application rates is provided on this label for a given use site, local conditions should be considered in selecting the specific use rate in your area. Consult your state agricultural experiment station or extension service weed specialist for local recommendations regarding dosages, method of application and timing of sprays. When used in food crops, do not apply after edible food portion of crop has begun to form. Use of this product may be governed in certain areas by local regulations.

CLEAN CROP AMINE 4CA 2,4-D WEED KILLER produces best results when applied to weeds growing rapidly. Lack of moisture may cause less effective control. Thorough coverage is important. Some perennial weeds

may require repeat treatment for control. Treat such weeds at bud stage if this occurs during period when crop is not unduly susceptible.

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SUSCEPTIBLE WEEDS

Alligator Weed	Henbit	Prickly Lettuce
Arrowhead	Knotweed	Ragweed
Buckhorn	Lambsquarter	Sheepspurge
Carpetweed	Marsh Elder	Sunflower
Cocklebur	Mustard	Tie Vine
Dandelion	Morningglory	Wild Carrot
Dock	Pigweed	Wild Sweet Potato
Hedge Bindweed	Plantain	

WEEDS MORE DIFFICULT TO KILL

Bindweed	Horse Nettle	Poison Ivy
Buckweed	Indigo	Sheep Sorrel
Blueweed	Klamath Weed	Whiteweed
Buckbrush	Locoweed	Hoary Cress
Canada thistle	Mexican Weed	Wild Onion
Cottonwood	Milkweed	Willows
Hemp		

DIRECTIONS (continued)

Do not apply this product through any type of irrigation system.

SMALL GRAINS (Wheat, Oats, Barley, Rye)-Use 1/2 to 1 pint CLEAN CROP AMINE 4CA 2,4-D WEED KILLER per acre for annual and biennial weeds such as Ragweed, Mustard, Lambsquarter or Pigweed. Apply when crop is 6 inches tall, after the plants are well tillered, or after the bloom stage. Consult your state agricultural experiment station or extension service weed specialist for exceptions on oats. For perennial weeds use 1 to 1-1/2 pints when weeds are in the pre-bloom stage, but avoid application when crop is in the boot or dough stage. Fall planted grains should not be treated until the following spring when the crop is fully tillered and before the bud stage. Do not use on grain underseeded with legumes. Do not forage or graze treated grain fields within 2 weeks after treatment with 2,4-D. Do not feed treated straw to livestock.

CORN-For controlling susceptible annual or perennial weeds, apply 1/2 to 1 pint per acre. If crop is 8 inches or taller, avoid application of 2,4-D to the growing point. Use drop nozzles and direct spray near base of the crop. Do not use after tassels appear. Different varieties may differ in susceptibility to 2,4-D. Do not use 2,4-D on corn grown for the production of hybrid seed. Consult your state agricultural experiment station or extension service weed specialist for specific recommendations. Avoid cultivating soon after treating when corn may be brittle.

SORGHUM-Apply 1/2 to 1 pint per acre. Crop is most tolerant to 2,4-D when 4 to 12 inches tall. Use drop nozzles when crop is over 10 inches high. Do not use when plants are less than 3 inches tall, or after 12 inches tall. Do not apply during flowering or early dough stage. Consult your state agricultural experiment station or extension service weed specialist for specific recommendations.

RICE-Use 1 to 2 pints of CLEAN CROP AMINE 4CA 2,4-D WEED KILLER in 5 to 7 gallons of water per acre. Treat only when rice is well established-6 to 8 inches above water. Water should be at least 3 inches deep everywhere in the field. Resistant weeds such as Curly Indigo may require 3 pints CLEAN CROP AMINE 4CA 2,4-D WEED KILLER per acre. Do not treat if temperatures are over 90°F. Do not treat after seed stalks emerge.

SUGAR CANE-For controlling Tie Vine, Alligator Weed, and other susceptible weeds, use 1 to 2 quarts per acre when cane is 1 to 2 feet tall.

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.

USE REQUIREMENTS FOR PASTURE AND NONCROP AREAS OTHER THAN TURF: Do not enter treatment areas until spray has dried or dust has settled. For early entry to treatment areas, wear eye protection, chemical resistant gloves, long-sleeved shirt, long pants, shoes and socks.

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

NOTE: For application to turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes, follow AGRICULTURAL USE REQUIREMENTS on this label.

PASTURES, LAWNS, GOLF COURSES AND SIMILAR TURF-Apply 2 pints of CLEAN CROP AMINE 4CA 2,4-D WEED KILLER per acre in sufficient water to produce good coverage. For small areas, use 1 tablespoon per

AMINE 4CA 2,4-D WEED KILLER

EPA REG. NO. 34704-5

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gallon of water. Do not apply to newly seeded areas until grass has become well established. Do not use on bent or other creeping grasses. Clovers or other legumes may be injured by 2,4-D, especially during hot summer weather. Avoid spraying grains or seed grasses when in the blossoming or pollinating stage. Spray or vapors from this product may injure Dichondra. Do not graze dairy animals on treated areas within 7 days after application. Do not graze meat animals on treated areas within 3 days before slaughter. Do not cut treated grass for hay within 30 days after application. For turf, the maximum number of broadcast applications per treatment site is 2 per year.

NON-CROP AREAS, such as fence-rows and drainage ditch banks- Use 1 to 2 quarts CLEAN CROP AMINE 4CA 2,4-D WEED KILLER per acre in sufficient water to obtain good coverage of foliage. Deep rooted broadleaved perennials may require 3 quarts per acre, with repeat treatments made as necessary.

TREE INJECTION-To kill undesirable trees for timber stand improvement use undiluted in an acceptable tree injector at the rate of 1 cc per injection. Inject around the tree at 6 inches or less above the ground line. Injection spacing should be 2-½ inches apart or less.

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE 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 PLATTE. IN NO CASE SHALL PLATTE 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.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

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FORMULATED FOR
PLATTE CHEMICAL CO.

150 SO. MAIN STREET

FREMONT, NEBRASKA 68025-5697