

ACCEPTED
FOR REGISTRATION
JAN 21, 2011

Classified for
"RESTRICTED USE"
in New York State
under 6NYCRR Part 326

New York State Department
of Environmental Conservation
Division of Solid & Hazardous Materials
Pesticide Product Registration

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MEC AMINE-D®

**Only for Sale To, Use and Storage by Lawncare
and Landscaping Personnel or Commercial Applicators**

Contains 2,4-D, Mecoprop-p and Dicamba.

ACTIVE INGREDIENTS:

*Dimethylamine Salt of 2,4-Dichloro-phenoxyacetic acid	30.56%
**Dimethylamine Salt of (+)-R-2-(2-methyl-4-chlorophenoxy) propionic acid †	8.17%
***Dimethylamine Salt of Dicamba (3,6-dichloro-o-anisic acid)	2.77%
INERT INGREDIENTS:	58.50%
TOTAL	100.00%

This product contains *2.44 lbs. 2,4-Dichlorophenoxyacetic acid per gallon or 25.38%
**0.65 lbs. (+)-R-2-(2-methyl-4-chlorophenoxy) propionic acid per gallon or 6.75%
***0.22 lbs. 3,6-dichloro-o-anisic acid per gallon or 2.30%
† CONTAINS THE SINGLE ISOMER FORM OF MECOPROP-p.

**Selective Broadleaf Weed Control In Turfgrasses Including For Use On Sod Farms.
To Control Dandelion, Clover, Henbit, Plantains, Wild Onion and Many Other Broadleaf Weeds.
Also For Highways, Rights-of-Way And Other Similar Non-Crop Areas**

**KEEP OUT OF REACH OF CHILDREN
DANGER**

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 explain it to you in detail.)

**Corrosive, causes irreversible eye damage.
See Inside for First Aid and Additional Precautionary Statements.**

EPA REG. NO. 34704-239
EPA EST. NO. 37507-MT-001
NET CONTENTS 2½ GALS. (9.46 L)

080310 V1D 08/10

FORMULATED FOR



P.O. BOX 1286
GREELEY, COLORADO 80632-1286

FIRST AID

If in eyes:	<ul style="list-style-type: none"> • Hold eye 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 eye. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:

1-866-944-8565. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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.

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

Corrosive, causes irreversible eye damage. Harmful if swallowed. Do not get into eyes, on skin or on clothing.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, nitrile rubber, neoprene rubber or viton. If you want more options, follow the instructions for category 'A' on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes and socks,
- Goggles or face shield, plus
- Chemical resistant gloves, except for applicators using ground boom equipment, and
- Chemical resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

See engineering controls for additional requirements.

Engineering Controls:

For containers over 1 gallon and less than 5 gallons in capacity: Persons engaged in open pouring of this product must also wear coveralls or a chemical-resistant apron.

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.

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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- 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

This product is toxic to fish and aquatic invertebrates and may adversely affect nontarget plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

This chemical 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. Application around a cistern or well may result in contamination of drinking water or groundwater.

Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et al. v. EPA, C01-0132C, (W.D. WA). For further information, please refer to EPA Web Site: <http://www.epa.gov/espp>.

Groundwater Contamination:

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP 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.

ADJUVANT USE When an adjuvant is to be used with this product Loveland Products recommends using **LI 700®**. For drift control and defoaming, the use of **Compadre®** at .125% v/v is recommended.

WEEDS CONTROLLED BY MEC AMINE-D®

Bedstraw	Henbit	Purslane
Black Medic	Knotweed	Ragweed
Buckhorn	Lambsquarters	Sheep Sorrel
Burdock	Lespedeza	Shepherd's Purse
Chicory	Mallow	Speedwell
Chickweed	Morningglory	Spurge
Clover	Peppergrass	Wild Carrot
Dandelion	Pigweed	Wild Garlic
Dock	Plantain	Wild Lettuce
Ground Ivy	Poison Ivy	Wild Onion
Heal-All	Poison Oak	Yarrow

USE SITES

SOD FARMS

Mec Amine-D is intended for use on sod farms. Mec Amine-D provides selective broadleaf control in warm season and cool season turfgrass established for commercial sod production.

Application Schedules for Sod Farms

Apply Mec Amine-D to broadleaf weeds that are actively growing. Follow-up applications may be required for dense infestations of perennial and biennial weeds. Do not apply this product to "Floritam" St. Augustinegrass.

Newly Seeded Areas

The application of Mec Amine-D to grass seedlings is recommended after the second mowing.

Newly Sodded, Sprigged or Plugged Areas

The application Mec Amine-D to newly sodded, sprigged, or plugged grasses should be delayed until 3 to 4 weeks after the sodding, sprigging, or plugging operations. Also, applications to dormant bermudagrass, dormant zoysiagrass, and dormant bahiagrass are suggested.

Application Rates

Application Rates for sod farms are listed in the tables under the "Ornamental and Recreational Lawns and Turf" Section."

Applications	Rates	Comments
Cool Season Grasses	3 to 4 pints per acre	For normal application, use 40 to 80 gallons of water per acre. (1 to 2 gallons of water per 1000 sq.ft.)
such as:	(1.1 to 1.5	
Bluegrass	fl. oz./1000 sq.ft.)	
Fescue	(.9 to 1.2 lb ae/acre)	
Rye		
		For professional lawn maintenance, use 1 to 5 gallons of water per 1000 sq.ft. Higher water volumes may be used when tank-mixed with a turf fertilizer. Follow fertilizer labels for proper amounts to add.

Use Precautions and Limitations for Sod Farms

- Do not apply this product through any type of irrigation system.
- Avoid drift of spray mist onto vegetables, flowers, ornamental plants, shrubs, trees, and other desirable plants. Do not pour spray solutions near these plants.
- Delay mowing 1 to 2 days before and after the application of this product.
- Do not apply this product immediately before rainfall or irrigation. Do not irrigate or water the turfgrass within 24 hours after application.
- Treated areas may be reseeded 3 to 4 weeks after application.
- Limited to 2 applications per year.
- Do not exceed a maximum of 4.0 pints Mec Amine-D (1.2 lbs ae 2,4-D /acre) per application.
- Observe a minimum of 30 days between applications.

ORNAMENTAL AND RECREATIONAL LAWNS AND TURF

- Mec Amine-D is for use on Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (Fairways, Aprons, Tees and Roughs) and similar turf areas. Institutional sites are defined as turf areas around properties or facilities providing a service to public or private organizations including, but not limited to hospitals, nursing homes, schools, museums, libraries, sport facilities, golf courses, and office buildings. Ornamental sites include turfgrass established around residences, parks, streets, retail outlets, cemeteries, industrial and institutional buildings. Residential/domestic sites are defined as areas associated with the household or home life including, but not limited to apartment complexes, condominiums, and patient care areas of nursing homes, mental intuitions, hospitals, or convalescent homes.
- A quality adjuvant such as LI 700® or Liberate® may be included in the spray solution.
- Do not apply this product through any type of irrigation system.
- Limited to 2 applications per year.
- Use a maximum of 4.0 pts Mec Amine-D/acre (1.2 lbs ae 2,4-D/acre) per application.
- The maximum seasonal rate is 8.0 pts Mec Amine-D/acre (2.4 lbs ae 2,4-D/acre), excluding spot treatments.
- Do not enter or allow people (or pets) to enter the treated area until sprays have dried.
- 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.

Applications	Rates	Comments
Warm Season Grasses	2 to 2.5 pints per acre (0.75 to 0.9 fl. oz./1000 sq.ft.)	Use 40 to 200 gallons of water per acre (1 to 5 gallons of water per 1000 sq.ft.). Use reduced rates if grass is stressed from heat or drought. Exercise care when applying during growth stages from dormancy to green-up and from green-up to dormancy. Some temporary discoloration may occur on warm season grasses.
St. Augustine		
Bahia		
Bermuda	(.6 to .8 lb ae/acre)	
Centipede		NOTE: If Bermudagrass is dormant, up to 4 pints per acre may be used (1.5 fl. oz./1000 sq.ft.).
Zoysiagrass		However, some hybrid Bermudagrasses may be sensitive to this product. Contact your local extension service weed control specialist.

NOTE: Care should be taken to avoid overdosing Bentgrass, St. Augustine, and Centipede grasses or injury may result. Large volumes of spray water (i.e. one fluid ounce in 5 gallons of water per 1,500 square feet) will aid in obtaining uniform coverage. If hand-type sprayers are used, it is preferable to use a single nozzle sprayer rather than a multiple nozzle boom as sideways application with a boom where the spray from more than one nozzle is allowed to fall on the same area will result in heavy local over-application and subsequent turf discoloration or injury.

Lower Volume Equipment: Use as little as 5 gallons of water per acre. Use only application equipment that is capable of spreading a uniform droplet, wetting each weed surface.

NON-TURF AREAS

Roadsides (including aprons and guardrails), rights-of-way, and other similar non-crop areas: For control of broadleaf weeds, mix at a rate of 2.6 to 6.5 pints (.8 to 2.0 lb ae 2,4-D) of Mec Amine-D per 50 to 300 gallons of water. This mixture will cover 43,500 square feet. Thoroughly saturate all weeds with spray mixture. Apply any time between the time when plants come into full leaf (Spring) to when the plants begin to go dormant. Best results are obtained when weeds are young and actively growing. Do not cut weeds until herbicide has translocated throughout the plant causing root death. For small broadleaf weeds, use the lower rate. Heavy, dense stands require the higher rate with high water volume. For small (spot) applications with small tank sprayers, apply at the rate of 4 ounces of Mec Amine-D per gallon of water and spray to thoroughly wet all foliage. **Postemergence (annual and perennial weeds) applications:** Limited to 2 applications per year. Use a maximum of 2.0 lbs ae 2,4-D or 6.5 pints of Mec Amine-D per acre per application. Wait a minimum of 30 days between applications.

For control of woody plants, apply to both stems and foliage any time from the time foliage is completely matured until the time plants start to go dormant. All leaves, stems and suckers must be completely wet to the ground line for effective control. Regrowth may be anticipated on the more resistant species. Add 6.0 to 13.0 pints of Mec Amine-D to 100 gallons of water applying 200 to 600 gallons of spray mixture per 43,500 square feet depending upon the height and thickness of the brush. Mix thoroughly before spraying. **Postemergence applications (woody plants):** Limited to 1 application per year. Use a maximum of 13.0 pints Mec Amine-D (4.0 lbs ae 2,4-D) per acre per year.

Applications to non-cropland areas are not applicable to treatment of commercial timber or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

USE PRECAUTION

Do not apply this product to St. Augustine grass. Care should be taken to avoid overdosing bentgrass as injury may result. Some hybrid bermudagrass may be sensitive to this product. Contact your local Extension Service Weed Control Specialist for sensitive grasses in your area. Large volumes of spray water (i.e. one fluid ounce in 5 gallons water per 1,500 square feet) will aid in obtaining uniform

coverage. If hand-type sprayers are used, it is preferable to use a single nozzle sprayer rather than a multiple nozzle boom as sideways application with a boom where the spray from more than one nozzle is allowed to fall on the same area will result in heavy local over-application and subsequent turf discoloration or injury.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: KEEP FROM FREEZING. 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. Do not store under conditions which might adversely affect the container or its ability to function properly.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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: Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state.

Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at www.acrcycle.org. If not recycled, then 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.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **For packages equal to or less than 5 gallons: Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for

Storage & Disposal Cont'd.:

10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

For packages with capacities greater than 5 gallons or 50 lbs.: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

For refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

In Case of Spill: For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300. Steps to be taken in case material is released or spilled: Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before re-use. Keep the spill out of all sewers and open bodies of water.

plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

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CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other