

34704-992

11/15/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Keirtie Raymond
Loveland Products, Inc.
P.O. Box 1286
Greeley, CO 80632-1286

JAN 15 2009

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request Primary Brand Name "MCP Ester 4 Herbicide"
EPA Reg. No. 34704-992
Application Dated January 7, 2009

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 01/07/09 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" received and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

2098



United States
Environmental Protection Agency
 Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 34704-992	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) MCP Ester 4 Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Loveland Products, Inc. P.O. Box 1286 Greeley, Colorado 80632-1286 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. _____ Product Name JAN 15 2009	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Primary name change for AGSCO MXL Herbicide (EPA Reg. No. 34704-992) to MCP Ester 4 Herbicide.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5 gal.		5. Location of Label Directions <input type="checkbox"/> On the label	
6. Manner in Which Label is Affixed to Product			<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	<input checked="" type="checkbox"/> Other Pressure Sensitive	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Kristie Raymond kristie.raymond@uap.com	Title Registration Specialist	Telephone No. (Include Area Code) 970-347-1347
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Kristie Raymond</i>	3. Title Registration Specialist	
4. Typed Name Kristie Raymond	5. Date January 7, 2009	

3098



Performance

Quality

Value

January 7, 2009

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
Joanne Miller – PM #23
U.S. Environmental Protection Agency
One Potomac Yard, 4th Floor, Room S-4900
2777 South Crystal Drive
Arlington, VA 22202

Subject: MCP Ester 4 Herbicide (EPA Reg. No. 34704-992); Notification

Enclosed, is the Loveland Products, Inc. (LPI) submission for a Primary Name Change Notification of AGSCO MXL Herbicide (EPA Reg. No. 34704-992) to MCP Ester 4 Hebicide.

Please find the following enclosed:

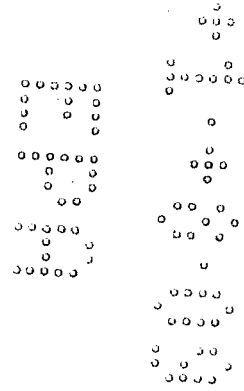
1. Application for Registration (EPA Form 8570-1);
2. 1 copy of the MCP Ester 4 Herbicide label with the name change;

If you have any questions, please feel free to contact me at 970-347-1347 or kristie.raymond@uap.com.

Sincerely,

Kristie Raymond
Registration Specialist

Enclosures



4098

MCP Ester 4 Herbicide

NOTIFICATION
JAN 15 2009

A LOW VOLATILE FORMULATION

ACTIVE INGREDIENT:

2-methyl-4-chlorophenoxyacetic acid, 2-ethylhexyl ester* 74.93%

INERT INGREDIENTS:** 25.07%

TOTAL 100.00%

*Equivalent to 47.83% 2-methyl-4-chlorophenoxyacetic acid. Contains 4 pounds acid equivalent per gallon.
**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 explain it to you in detail).

FIRST AID

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 swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
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 mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
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.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL ANY TIME: 1-800-301-7976.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **NOTE TO PHYSICIAN:** Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

See inside booklet for additional precautionary statements.

EPA Reg. No. 34704-992

EPA Est. No. 37507-MT-1

Manufactured For:
Loveland Products, Inc.,
PO Box 1286, Greeley, CO 80632

Net Contents: 2 1/2 Gallons

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

WARNING

May be fatal if absorbed through skin. Harmful if swallowed. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

PERSONAL PROTECTIVE EQUIPMENT

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 E on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators, flaggers, and other handlers must wear coveralls over short-sleeved shirt and short pants, chemical-resistant gloves, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposure, chemical-resistant apron when cleaning equipment, mixing, or loading, 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 PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

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. Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

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.
- 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

Do not apply directly to water, 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 washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

Groundwater Contamination: 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.

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.

Cleaning of Equipment: When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

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 in this box only apply 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 12 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, shoes plus socks, and chemical-resistant gloves made of any waterproof material.

GENERAL INSTRUCTIONS

Susceptible weeds controlled are lambsquarters, marshelder, annual mustards, field pennycress, yellow rocket, cocklebur, shepherdspurse and many others. Less susceptible weeds partially controlled (may have more erratic results) are Canada thistle, dandelions, kochia, plantains, ragweed, sunflowers, pigweed, purslane, wild buckwheat, hempnettle, stinging nettle and many others.

Avoid use of small-diameter spray nozzles. Avoid spray drifts onto susceptible plants such as vegetables, flowers, tomatoes, beans, sugarbeets, sunflowers and other legumes. Coarse sprays are less likely to drift. Do not spray at all in the vicinity near susceptible plants to prevent any vapor drift.

SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determines the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Apply only when the wind speed is 2-10 mph at the application site.

Additional requirements for aerial application:

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy.

When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

Do not make applications into temperature inversions.

Additional requirements for ground boom application:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

CROPS

WHEAT, OATS, BARLEY: Use 1 pint per acre in 5 gallons of water by ground application or in 3-5 gallons of water by airplane application. Apply any time from emergence to boot stage of grain. Do not spray from boot to dough stage. Do not use on small grains interplanted with sweet clover unless injury to the legume can be tolerated. Use on grain underseeded with alfalfa only where specifically recommended by local agricultural experiment station and extension service weed specialists. For Canada thistle, use 1 1/3 pint per acre rate. Do not forage or graze meat animals on treated areas within seven days of slaughter. Do not apply more than 1-1/2 pints (3/4 lb. ae) MXL Herbicide per acre per year.

FLAX: Use 1/2 pint per acre in 5 gallons of water by ground application or in 3-5 gallons of water by airplane application. Apply when weeds are up and when flax is 2 to 6 inches high and before it comes into bud. Treatment after 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. Some injury to flax may result. Do not apply more than 1/2 pint (1/4 lb. ae) MXL Herbicide per acre per year.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store near fertilizer, other pesticides or seeds. Store at temperature above 0° F. If allowed to freeze, remix before use.

PESTICIDE DISPOSAL: Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resources Conservation and Recovery Act.

CONTAINER DISPOSAL: Do not reuse empty container. 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. Or if this is an OUT-N-BACK™ returnable container, it must be returned to AGSCO, Inc.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300.

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 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.

