

SEP 29 1994

Ms. Stacy Schmitt
EPA/OPPE, INC.
P.O. Box 999
Fort Valley, GA 31030

Dear Ms. Schmitt:

Subject: Miller Lactal 50
EPA Registration No. 709-038
Your Application dated September 17, 1994, request
to amend the registration to comply with the EPA
Worker Protection Standards, Executive Order 12812 and
12811.

The EPA has received your letter and your application
dated September 17, 1994 to amend the registration for
Miller Lactal 50 to comply with the Worker Protection
Standards and Executive Order 12812, 12811.

1. Add the following statements to the label under
recommendations:

**"Remove clothing immediately if pesticide gets inside.
Then wash thoroughly and put on clean clothing.
Remove shoes immediately after handling this product.
Wash the outside of shoes before removing. As soon
as possible, wash thoroughly and change into clean
clothing."**

2. Add the phrase: "notification of workers" following the
phrases "it also contains specific instructions and
exceptions pertaining to the statements on this label
about personal protective equipment (PPE)."

3. Delete the entire "Non-Agricultural Use Requirements"
block as you have not raised those uses.

4. Add to the (1) copy of the final printed label before
releasing the product for sale.

If these conditions are not complied with, the registration
will be subject to cancellation in accordance with EPA's section

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5(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-herbicide branch
Registration Division (7550)

Enclosure

a.wilson:diskette ABC14:09-26-94

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769-836

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MILLER DACTHAL 50

For Pre-emergence Crabgrass Control In Turf One Application For
Up To 3 Months Control Of Certain Weeds In Ornamental Plantings And
Listed Crops

Active Ingredient:

Dimethyl ester of Tetrachloroterephthalic acid*	5%
Inert Ingredients:	95%
Total:	100%

*Dacthal Trademark of Diamond Alkali Co.

Keep Out Of Reach Of Children
CAUTION

Statement of Practical Treatment

In case of contact, flush eyes with water for 15 minutes; for skin
wash with plenty of soap and water. Get medical attention if
irritation persists.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Caution

Avoid contact with skin, eyes and clothing.

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Personal Protective Equipment:

Applicators and Other Handlers Must Wear: Long-sleeved shirt and
long pants, waterproof gloves and shoes plus socks.

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.

User Safety Recommendations:

- Wash hands before eating, drinking, chewing gum, using tobacco or
using the toilet.

STORAGE AND DISPOSAL

Do not contaminate water, food, feed, seed or other pesticides by
storage, disposal or cleaning equipment. Do not reuse empty
container. Wrap container and put in trash collection.

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, unless 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, waterproof gloves and shoes plus socks.

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, forest, nurseries, or greenhouses.

Dacthal 5G is a pre-emergence weed killer used to control annual grasses and certain broadleaved weeds in nursery and ornamental plantings. Dacthal 5G shows little or no effect on weeds that have germinated and are actively growing. For best results, Dacthal 5G should be applied uniformly to recently cultivated soil. Do not disturb after applying. Do not use during periods of extremely dry soil conditions, moisture is needed to activate Dacthal 5G; if no rain within 3 days apply 1/2 inch of water or sufficient water to wet soil to a depth of 4 inches. One application, at the recommended rate will generally control weeds up to three months.

Dacthal 5G will control: Barnyard Grass, Common Chickweed, Crabgrass (Smooth and Hair), Fall Panicum, Florida Pussley, Foxtail (Green and Yellow), Goose Grass, Johnson Grass (from seed), Lambs Quarter, Pigweed, Poa Annua, Purslane, Spurge (spotted and prostrate), and Vetch Grass.

Ornamental Turf, Lawns, Nurseries and Ornamental Plantings: Dacthal 5G should be applied at the rate of 200 lbs. per acre or 1 1/2 lbs. per 1,000 sq. ft. or 1 standard level cupful per 77 sq. ft. or 1 standard level tablespoon per 4 1/2 sq. ft. Care should be taken to

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spread evenly. The following species of Turf Grasses are tolerant to Daethal 5G; Bermuda Grass (common Tifgreen, T-5, Sunturf and Tifway), Kentucky Bluegrass, (common and Merion), Alta Fescue, Centipede Grass, Carpetgrass, Pensacola Bahia Grass, St. Augustine Grass, gando Grass, Zoysia (Matrella and Meyer). Some thinning has been reported, but turf fully recovered by Fall to certain Bent Grass and Fine Leaf Fescue. Do not graze livestock on treated area. Do not reseed to new turf within 60 days after application. Do not apply to Toronto or Cohansey bents or Dichondra. DO not apply to newly seeded turf until after it exhibits greening of newly-sprouted turfgrass.

Daethal 5G may be applied to the following: Abelia, arbor-Vitae, Ageratum, Alyssum, Andromeda, Aster, Azalea, Baby's Breath, Baltic Ivy, Barberry, Boxwood, Boston Ivy, Camelia, Chrysanthemum, Coleus, Columbine, Coral Bells, Cosmos, Cotoneaster, Crab Apple, Dahlia, Daisy, Dogwood, English Ivy, Eucymus, Fernleaf Yarrow, Fir, Forsythia, Geranium, Gladiolus, Holly, Hydrangea, Iris, Juniper, Lantana, Lilac, Lily, Larkspur, Lupine, Magnolia, Maple, Marigold, Mourning Bride, Nock Orange, Pachistima, Pachysandra, Peony, Petunia, Pine Privet, Rhododendron, Rose, Rose Moss (portulaca), Salvia, Snapdragon, Spruce, Sunflower, Variegated privet, Verbena, Wilson's Ivy, Winter Creeper, Yew and Zinnia.

Where possible, apply Daethal 5G in early Spring. Late summer applications may prove beneficial for control of fall seeds if made following cultivation.

Spreader Settings: The best method of spreading this product is to use a Cyclone Hand Seeder or Cyclone Lawn Spreader.

Suggested Spreader Settings

<u>Spreader</u>	<u>Rate</u> <u>4 1/2 lbs/1,000 sq ft</u>
Cross Country 452-19201	5
Cyclone "B"	3
Garden Mark	7
Jackson 20CP-26	5 1/2
Jackson 24-26	7
Planet Jr. Big 20	7
Scott 35-8	4 1/2

Note: Overlap spreader wheel marks so as not to leave untreated areas. Shut off spreader when stopping to turning ground.

Caution: Do not use on the following plants: Bugle Weed, Button Pink, Carnation, Germander, Geum, Mesembryanthemum, Jansy, Phlox, Sweet William and Telanthera.

Tomatoes, Melons (cantaloupe, honeydew, and watermelons), Cucumbers and Squash: Apply as a broadcast application, at the rate of 200 lbs. per acre or 4 1/2 lbs. per 1,000 sq. ft. to a cleanly

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cultivated surface. Apply uniformly to the soil surface, 4 to weeks after transplanting tomatoes or seeding of Melons, Cucumbers and Squash.

IMPORTANT: Read these entire Directions and Conditions of Sale before using this product. DISCLAIMER: SureCo warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions For Use, subject to the inherent risks referred to above. SureCo makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty. In no case shall SureCo be liable for consequential, special, or indirect damages resulting from the use, handling or application of this product.

EPA Reg. No. 769-836

EPA Est. No. 769-GA-1

Manufactured By:
SureCo, Inc.
Fort Valley, GA 31030

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