



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
8123-102

Date of Issuance:
NOV 29 1999

NOTICE OF PESTICIDE:
Registration
 Reregistration

Term of Issuance:

Name of Pesticide Product:
CONTACT VEGETATION CONTROL

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Frank Miller and Sons, Inc.
13831 S. Emerald Ave
Riverdale, Illinois 60827

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

In the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, at his/her discretion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. The following revisions must be incorporated into the labeling before the product is released for shipment:

1. The heading "**Active Ingredients**" should be made singular.
2. Add the statement "Call a poison control center or doctor for further treatment advice" to the end of the inhalation statement in the Statement of Practical Treatment.
3. To avoid redundancy, the statements "Wash hands before eating, drinking, chewing gum, using tobacco or using toilet. Remove contaminated clothing and wash before reuse" should be deleted from the Precautionary Statements, since these points are already addressed in the User Safety Recommendations and/or User Safety Requirements.
4. The User Safety Recommendations should appear in a box or otherwise separated from the rest of the label text.
5. The statements "Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them", currently appearing after the User Safety Recommendations, should be relocated so that they appear in the first paragraph of the User Safety Recommendations.

Signature of Approving Official:

Date:

NOV 29 1999

Handwritten signature: M. Howard

Enclosed is a copy of your stamped "Accepted with Comments". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended. Reregistration under this section does not eliminate the need for data at any time to maintain registration of your product.

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

Enclosure

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CONTACT VEGETATION CONTROL
For Areas Where Vegetation Is To Be Controlled Without Soil Sterilization

FOR PROFESSIONAL, INDUSTRIAL, JANITORIAL/SANITATION USERS ONLY.
NOT FOR SALE OR USE BY HOMEOWNERS.

NON-SELECTIVE--KILLS ON CONTACT
NON-RESIDUAL--INACTIVATED ON CONTACT WITH SOIL
DUAL PURPOSE--FOR LAND & WATER VEGETATION

ACTIVE INGREDIENTS:

Diquat dibromide [6,7-dihydrodipyrdo (1,2-a:2',1'-c) pyrazinedium dibromide].....	4.35%
INERT INGREDIENTS	<u>95.65%</u>
TOTAL	100.00%

Contains 0.20 lbs. Diquat Cation per gal. as 0.373 lb. Salt per gal. This product contains a herbicidal chemical that when used as directed will kill most all forms of plant growth without damage to the soil. Absorption and herbicidal action is usually quite rapid with the effects visible in a few days. This product is inactivated on contact with soil. **READ ENTIRE LABEL.** Use strictly in accordance with label warnings and directions, and in conformity with Federal and State regulations.

WARNING

KEEP OUT OF REACH OF CHILDREN

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

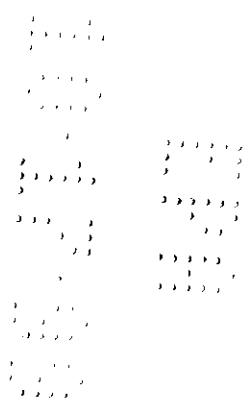
EPA REG. NO. 8123-102
EPA EST. 8123-IL-1

Net Contents:

ACCEPTED
with COMMENTS
In EPA Letter Dated
NOV 29 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
8123-102

Made in U.S.A.
Frank Miller & Sons, Inc.
13831 South Emerald Avenue
Riverdale, IL 60827-1695



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PRECAUTIONARY STATEMENTS

FIRST AID

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 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 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.

IF IN EYES: 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. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container label with you when calling a poison control center or doctor or going for treatment.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes skin irritation. Harmful if swallowed or absorbed through skin or inhaled. Do not get on skin or clothing. Avoid contact with eyes. Avoid breathing spray mist. Wash hands before eating, drinking, chewing gum, using tobacco or using toilet. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves (such as Nitrile, Butyl, Neoprene, and/or Barrier Laminate)
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing or loading
- A dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P, or HE filter

USER SAFETY REQUIREMENTS

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

When handlers use closed systems or enclosed cabs, 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.

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USER SAFETY RECOMMENDATIONS

- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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.
- Clothing and protective equipment exposed to this product should be washed in detergent and hot water. Such items should be kept and washed separately from other laundry.
- Users should wash hands before eating, drinking, chewing gum, using tobacco or using toilet

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENVIRONMENTAL HAZARDS (TERRESTRIAL AND AQUATIC USES)

This pesticide is toxic to aquatic invertebrates. Do not apply to water except as specified on this label.
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 or rinsate.
For Aquatic Uses, do not apply directly to water except as specified on this label.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

STORAGE:

Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use. Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store at temperatures above 32°F.

PESTICIDE DISPOSAL:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

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.

APPLICATION FOR SUBMERSED WEEDS:

In early season where submersed weed growth has not reached the surface apply CONTACT VEGETATION CONTROL by pouring directly from container into the water while moving slowly over the water surface in a boat. Distribute evenly over infested areas in strips 40 feet apart. In mixed weed populations, use the high rate of application as indicated by weeds present.

In late season or where submersed weed growth has reached the water surface throughout the area to be treated apply CONTACT VEGETATION CONTROL by pouring as above or injecting a diluted (10-20 to 1) solution below the water surface in strips no more than 20 feet apart. Use the high rate of application as indicated by the weeds present. Where algae are present along with submersed weeds, pre-treatment with Copper Sulfate at recommended rates is advised for best results with CONTACT VEGETATION CONTROL.

<u>FLOATING WEEDS</u>	<u>GALS./SURFACE ACRE</u>
Pennywort (Hydrocotyle umbellata)	5-7 1/2
Salvinia (Salvinia rafundifolia)	5-7 1/2
Waterhyacinth (El chhornia crassipes)	5-7 1/2
Waterlettuce (Pistia stratiotes)	5-7 1/2

APPLICATION FOR FLOATING WEEDS: 150 to 200 gallons of water plus a non-ionic surfactant* should be applied as an overall spray for control of the above weeds.

The high rates of CONTACT VEGETATION CONTROL should be used for late season application.

Duckweed (Lemna spp.) 10

** Add a Nonionic Surfactant containing 75% or greater surface active agent at the rate of 1/2 to 4 pints per 100 gallons of the finished product.*

APPLICATION FOR DUCKWEED: For control, apply CONTACT VEGETATION CONTROL as an all-over spray in 50 to 150 gallons of water per acre. Care should be taken to thoroughly cover all plants on water and on damp marginal areas. Reinfestation of duckweed occurs readily from untreated areas. Retreatment of CONTACT VEGETATION CONTROL may be necessary to obtain season long control.

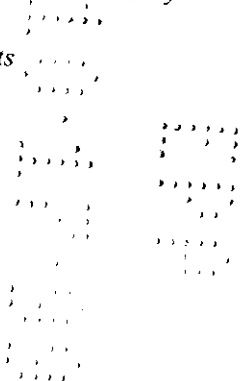
<u>MARGINAL WEEDS</u>	<u>GALS./100 GALS. OF WATER</u>
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(Infesting the edges and other portions of ponds, lakes, and ditches.)

Cattails (Typha spp.) 10

APPLICATION FOR MARGINAL WEEDS: For top kill, apply CONTACT VEGETATION CONTROL in 100 gallons water plus a non-ionic surfactant* for full coverage and thorough weed control. Repeat treatment as necessary to control re-growth. For best results apply before flowering.

**Add a Nonionic Surfactant containing 75% or greater surface active agent at the rate of 1/2 to 4 pints per 100 gallons of the finished product.*



APPLICATION FOR ALGAE: CONTACT VEGETATION CONTROL will control certain filamentous algae: *Spirogyra* spp. and *Pithophora* spp: Apply 0.5 - 1.5 p.p.m. w. **CONTACT VEGETATION CONTROL** for control. Application methods as for submersed weeds.

Formula For Parts Per Million (PPM) Recommendations

Gallons to use — p.p.m. recommended x acreage of water x average depth of water x 14.
For example - 1/2 p.p.m. recommendations; two acre pond; 4 feet average depth; 1/2 x 2 x 4 x 14 equal 56 gallons required.

NOTICE

Buyer and user acknowledge and assume all risks and liability of use, storage , and handling of this product not in strict accordance with directions given herewith.

