

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAM (MS)  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

65789-2

16 14 1992

TERM OF ISSUANCE

Until Reregistration

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Melocide DE-200

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Reg # 65789-2  
Melosira DE Products, Inc.  
202 North Avenue, #102  
Grand Junction, CO 81501

PM-13

195

161 5422677  
18/1

NOTE: Changes in labeling formula 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 U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) since you have agreed to:

1. Submit the primary eye irritation (81-4) to be in compliance with the Silicon Dioxide/Silica Gel Reregistration Eligibility Document issued February 7, 1992.

2. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.

3. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase, "EPA Registration No. 65789-2".

4. Submit five copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

295

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,

George T. LaRocca  
Product Manager 13  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

65789-E

7/92  
395

Comments regarding attached draft label for:

MELOCIDE DE-200

For Control Of Crawling Insects

In Stored Grain and Seeds  
For Residential Use  
For Commercial Use

The attached two page label is a master label for this product. The first page is the Front Panel of the label. The second page contains Back Panel directions for use for different customers.

Front Panel: lists ingredients and precautionary statements. This page will be the same for each container, regardless of use, except the non-applicable subtitle will be deleted as described below:

Back Panel: lists directions for use for grain and seed storage. Either or both of the subtitles "For Residential Use" and "For Commercial Use" may appear on the Front Panel and Back Panels. If only one subtitle is used, only the appropriate section under Directions will be shown on Back Panel.

Note: Font size for the signal word CAUTION and for precautionary statement KEEP OUT OF REACH OF CHILDREN will conform to requirements in 40 CFR 156.10 (b) (1) (E) (iv).

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

AUG 14 1992

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
65789-2

65789-E  
MELOCIDE DE-200

For Control Of Crawling Insects

In Stored Grain and Seeds  
For Residential Use  
For Commercial Use

MELOCIDE DE-200 contains dried, fine granules of diatomaceous earth mined from a freshwater diatomite deposit. Diatoms are a type of algae that produce shells made of non-crystalline silica. The Melosira diatoms that make up this product are among the smallest of the species of diatoms.

This type of insect control is physical rather than chemical. The microscopic shells damage the skin, joints and mouthparts of the insect and absorb body fluids. Death results from dehydration due to physical injury.

The granular nature of this product should minimize the possibility of reductions in test weights sometimes associated with use of powdered diatomaceous earth to protect stored grains, without diminishing the ability of the diatoms to cause death of insects due to dehydration.

CONTENTS

ACTIVE INGREDIENT:	
Silicon dioxide	83.6%
INERT INGREDIENTS:	
Other oxides and moisture	16.4%
TOTAL:	100.0%

KEEP OUT OF REACH OF CHILDREN  
CAUTION

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND ANIMALS

CAUTION: Avoid breathing dust. Avoid contact with eyes. Use with adequate ventilation. For commercial and/or prolonged application wear a suitable dust mask approved by NIOSH/MSHA.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

STORAGE AND DISPOSAL

Store in original container in a dry place. Do not reuse empty container. Wrap container and put in trash collection. Do not contaminate water, food or feed by storage or disposal.

In case of minor spill: Vacuum, or dampen powder with water and sweep. Dispose of in trash.

In case of major spill: Wear respirator while wetting and loading powder into containers. Dispose of in landfill.

In case of emergency: Call (800) 424-9300.

WARRANTY STATEMENT

MELOSIRA DE PRODUCTS, INC. warrants that this product conforms to the ingredient statement on this label. Since conditions of use, such as moisture, compatibility with other chemicals and conditions of application will vary, Melosira DE Products makes no claims other than those stated on this label.

MANUFACTURED BY MELOSIRA DE PRODUCTS, INC.

P.O. Box 97  
Westfall, OR 9720

EPA Registration No. 65789-2  
EPA Establishment No. 5572-OR-2

495

DIRECTIONS FOR USE

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

In Stored Grain and Seeds

For Residential Use  
For Commercial Use

When used as directed, control of crawling insects in stored grains and seeds continues throughout the storage period and, after storage, grains or seeds can be used as intended without removal of MELOCIDE DE-200.

MELOCIDE DE-200 can be used in any dry container where grain and seed are transported or stored, such as silos or elevators, rail cars, truck trailers, and appropriate cans, drums or packages. It provides maximum control when the moisture content of stored grain or seed is 12-15% or less. Long term effectiveness is improved if temperature during storage is high enough to hatch all insect eggs.

If this product, grain or seed are damp before application, do not use. Reduced effectiveness will result if this product or the grain or seed become damp after application. If this occurs, dry grain or seed and reapply Melocide DE-200.

MELOCIDE DE-200 is approved for use in the following stored grains and seeds:

barley	corn	rice	sorghum (milo)
buckwheat	oats	rye	wheat

When used as directed, MELOCIDE DE-200 effectively controls damage caused by the following insects:

rice weevils	saw-toothed grain beetles
lesser grain borers	red flour beetles
flat grain beetles	confused flour beetles
merchant grain beetles	Indian meal moth larvae

Directions for residential use: One cup of MELOCIDE DE-200 is sufficient for each 25 pounds of dry grain or seed. Thoroughly mix 1/2 cup with 12 pounds of material at a time to insure good distribution throughout the stored material. Wear gloves during mixing, or wash hands after mixing. If possible, shake sealed container after mixing to insure good distribution of MELOCIDE DE-200.

Directions for commercial use: MELOCIDE DE-200 may be applied to grain or seed at any stage of preparation or transportation after drying and before storage. Seven pounds of granules should be mixed thoroughly with each ton of dry grain or seed to be stored. A hopper with a variable rate auger or conveyor feeder can be used to apply MELOCIDE DE-200 during transfer of material into transportation containers or to the storage area.

Test weight per bushel of seed or grain treated with MELOCIDE DE-200 will be reduced slightly, but this reduction in bulk density should not cause the treated material to be reduced to sample grade if the USDA procedures in GR Instruction 918-6 Aux. 1 dated May 9, 1963 are followed. Stored material treated with MELOCIDE DE-200 will be coated with dust, which may reduce movement speed.