

MELOCIDE DE-200**For Control Of Crawling Insects**

**In Stored Grain and Seeds
For Domestic Use
For Commercial Use**

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 Domestic 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(h)(1)(E)(iv).

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 9 1993

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

MELOCIDE DE-200

For Control Of Crawling Insects
In Stored Grain and Seeds

For Domestic Use
For Commercial Use

MELOCIDE DE-200 contains dried, fine granules of 100% pure 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	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 97920

EPA Registration No. 65789-2
EPA Establishment No. 65789-OR-001, 65789-1A-001

4094

MELOCIDE DE-200

For Control of Crawling Insects
In Stored Grain and Seeds

For Domestic Use
For Commercial Use

DIRECTIONS FOR USE

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

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, ships, 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
beans	flax	peas	soybeans
vegetable and flower seeds			birdseeds

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 Domestic 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. Two to 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.