

C-8813

Base Pre-Reg. (4709)

U.S. LABEL

Date of Draft: 12/9/82 (Pre-Reg) (S)

Reason to Issue: To show product is a Category I pesticide with appropriate labeling; revise storage and disposal statements; update label.

EPA Reg. No. 3125-69

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LESAN

ACCEPTED
with COMMENTS
in EPA Letter Dated

70% WETTABLE POWDER

JAN 11 1983

SEED AND SOIL FUNGICIDE

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

3125-69

FOR CONTROL OF PLANT DISEASES

ACTIVE INGREDIENT:

KEEP OUT OF REACH OF CHILDREN

Sodium [4-(dimethylamino)phenyl]
diazenesulfonate 70%

D A N G E R  P O I S O N

INERT INGREDIENTS: 30%
100%

(See Rear Panel for Statements
of Practical Treatment and Other
Precautionary Statements)

EPA Reg. No. 3125-69

STOP - READ THE LABEL BEFORE USE

NET CONTENTS POUNDS

MOBAY CHEMICAL CORPORATION
AGRICULTURAL CHEMICALS DIVISION
Box 4913, Kansas City, Mo. 64120

LESAN 70% WP

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions and Conditions of Sale before using LESAN 70% Wettable Powder.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED, OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MOBAY AND THE SELLER OFFER, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MOBAY AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

LESAN 70% Wettable Powder fungicide is recommended as a seed or soil treatment to provide effective control of Pythium and Aphanomyces which cause damping-off of seedlings. The formulation wets readily with water to form a slurry suitable for use in any commercial slurry seed treater. LESAN 70% Wettable Powder is compatible with other fungicides and insecticides recommended for seed treatment, and may be applied in combinations with them. Apply solutions immediately after mixing as exposure to light may result in loss of fungicidal activity.

The formulation wets readily with water to form a suspension of the active ingredient.

RECOMMENDED APPLICATIONS

CROP	DISEASE	Ounces LESAN 70% WP	REMARKS
<u>FIELD CROPS</u>			
Corn	Seed rot & damping-off (<u>Pythium</u>)	0.4 to 0.8	Apply specified dosage per 100 pounds of seed (equivalent to 1/4 to 1/2 oz. of LESAN 70% Wettable Powder per bushel) in a slurry.
Cotton	Seed rot, damping-off & other seedling diseases (Anthracnose <u>Pythium</u>)	2 to 3	SEED TREATMENT: Apply specified dosage to 100 pounds of seed in a slurry. Use higher rate only if adequate soil moisture is present to avoid possible injury to seedlings. For control of <u>Rhizoctonia</u> , Terraclor* should be mixed with LESAN 70% Wettable Powder at the rate of 3 ozs. active per 100 pounds of seed.
Sorghum	Covered Kernel smut Seed rot & damping-off (<u>Pythium</u>)	1 to 2	Apply specified dosage to 100 pounds of seed in a slurry.

LESAN 70% WP

RECOMMENDED APPLICATIONS (Continued)

CROP	DISEASE	Ounces LESAN 70% WP	REMARKS
Sugar Beets	Seed rot & damping-off (<u>Aphanomyces</u> <u>Pythium</u>)	2 to 4	Apply specified dosage to 100 pounds of seed with sufficient water to provide uniform coating of seed. Rates up to 6 ozs. per 100 pounds of seed may be necessary on seed planted in soil high in clay or organic composition. Do not exceed the 4-oz. rate in light soils. For <u>Rhizoctonia</u> control, Terraclor* should be mixed into the slurry at the rate of 1.5 to 3.0 ozs. actual per 100 pounds of seed.
Sugar Cane Propagation Seed Beds	Root rot (<u>Pythium</u>)	0.075 (1 level tea-spoonful)	Mix specified dosage in 1 gallon of water (equivalent to approximately 0.5 gram per liter) and apply to 8 sq. ft. of seed bed area. Make weekly applications for a period of 8 to 12 weeks.
VEGETABLES			
Beans (Snap & Lima) Peas	Seed rot & damping-off (<u>Aphanomyces</u> <u>Pythium</u>)	1	Apply specified dosage per 100 pounds of seed as a slurry or dry mix. Agitate seed thoroughly to ensure uniform distribution of LESAN 70% WP on the seed. Do not use treated seed for food or feed.
Beets Spinach	Seed rot & damping-off (<u>Aphanomyces</u> <u>Pythium</u>)	4	
Cucumbers	Seed rot & damping-off (<u>Pythium</u>)	3	
FRUITS			
Pineapple (Hawaiian Islands Only)	Heart rot Root rot (<u>Phytophthora</u>)	12	SEED PIECE TREATMENT: Mix specified dosage per 10 gallons of water for use as a seed piece dip at time of planting.

Note: To meet U.S. Federal Seed Act requirements, all seed treated with LESAN should be labeled: "Treated with Sodium [4-(Dimethylamino)phenyl]diazenesulfonate (LESAN)."

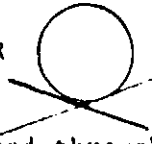
RESTRICTIONS

Treated seed must not be used for feed, food, or oil purposes. Do not use on other crops used for food or forage. Use only according to label directions. Applications at rates above those shown may result in illegal crop residues. Do not treat food crops grown in the greenhouse.

Observe all cautions and limitations on labeling of all products used in mixtures.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

D A N G E R  P O I S O N

Fatal if swallowed. May be fatal if absorbed through the skin. Harmful if inhaled. Do not get in eyes or on skin. Wear natural rubber gloves and goggles when treating seed or loading spreader. Do not breathe dust or spray mist.

Do not contaminate feed or food. Keep out of reach of children. Wash hands, arms, and face thoroughly with soap and warm water after use and before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

SYMPTOMS OF POISONING: No specific symptoms. Poisoning is accompanied by decreased activity, lethargy and tiredness.

STATEMENTS OF PRACTICAL TREATMENT

In case of poisoning, call a physician immediately. Have patient lie down and keep quiet. If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately.

If on skin, wash skin immediately with soap and warm water. If irritation occurs, get medical attention. If eyes are contaminated, wash with plenty of water for at least 15 minutes. Get medical attention. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

TO PHYSICIAN: Treat symptomatically. This compound inhibits oxidative phosphorylation and, therefore, causes a marked decrease in the rate of carbohydrate metabolism.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife. Keep out of lakes, streams or ponds. Treated seeds exposed on soil surface may be hazardous to birds and other wildlife. Dispose of excess treated seeds or wastes by burial.

STORAGE AND DISPOSAL

Do not use container in any connection with feed, food, or drinking water.

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

CONTAINER DISPOSAL: Dispose of bags according to approved Federal, State, or local procedures under the Resource Conservation and Recovery Act.

LESAN is a Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

*Trademark of Olin Mathieson Chemical Corporation

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Mohay Chemical Corporation
Agricultural Chemicals Division
P.O. Box 4913
Kansas City, MO 64120

Attention: G. E. Russell

Gentlemen:

Subject: Lecan 70% Wettable Powder
EPA Registration No. 3125-69
Your Application Dated December 13, 1982

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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,

Hij
Henry H. Jacoby
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (76-767)

Enclosure

RD:JACOBY:DCR-03322:WANG-16200:pjb:Raven:479-2013:12/29/82