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

EPA REGISTRATION NO.

DATE OF ISSUANCE

8596-30


MAY 20 1992

TERM OF ISSUANCE

Conditional

NAME OF PESTICIDE PRODUCT

GRAIN TREETTM B

NOTICE OF PESTICIDE:  REGISTRATION
RE-REGISTRATION
Under the Federal Insecticide, Fungicide,
and Rodenticide Act (FIFRA)

NAME AND ADDRESS OF REGISTRANT (Company Name)

Kemin Industries, Inc.
P.O. Box 70
2100 Maury Street
Des Moines, IA 50301

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 endorsement 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) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c) (5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following labeling changes before you release the product for shipment:

(a) Add the phrase "EPA Registration No. 8596-30."

(b) Add the following statement: "Wear chemical-resistant gloves, chemical-resistant aprons, chemical-resistant footwear and goggles or face shield when loading application equipment unless a closed loading system is used. Avoid working near high concentrations of spray mist/vapor. Use with adequate ventilation. Wash thoroughly after handling."

3. Submit five (5) 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 label

4. Submit storage stability data within 8 months of the date of the issuance of the REDs for propionic acid, February 11, 1992.

SIGNATURE OF REGISTRANT

DATE

MAY 30 1992

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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.

Cynthia Giles-Parker

Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

GRAIN TREET® B
PRODUCT 06134

8596-21

ACTIVE INGREDIENT:

Propionic Acid	70.5%
INERT INGREDIENTS:	29.5%
TOTAL	100.0%

FOR HIGH MOISTURE GRAIN AND ANIMAL FEEDS.
- EASY TO USE

KEEP OUT OF REACH OF CHILDREN
DANGER

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Corrosive, causes irreversible eye damage. Do not get in eyes. Wear goggles, face shield, or safety glasses. Avoid contact with skin, eyes or clothing. May be harmful if swallowed or absorbed through the skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Environmental Hazards

Do not apply directly to water, 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 wash waters.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Immediately flush with plenty of water for at least 15 minutes. Call a physician. If on skin: Wash with plenty of soap and water. Get medical attention. Remove contaminated clothing and shoes at once; wash thoroughly before reuse. If swallowed: Do not induce vomiting. Rinse mouth immediately with abundant quantities of water, then promptly drink a large quantity of milk mixed with egg whites. If these items are not available, drink as much water as possible. Obtain medical attention immediately.

WARRANTIES

The manufacturer makes no warranties, expressed or implied, concerning this product or its use, which extend beyond the description on the face hereof. All statements made concerning this product apply only when used as directed.

PRODUCT COLOR CHANGE WILL NOT AFFECT PERFORMANCE.

For Agricultural Use Only.

NOTE:

GRAIN TREET B is not a substitute for good management.

EPA Registration No. 8596-

EPA Est. 8596-IA-01

ACCEPTED

with COMMENTS
In EPA Letter Date:

NET WT. 50 lbs (22.68 kg)

MAR 30 1988

U.S. Environmental Protection Agency
Office of Pesticide Programs
Registration Division
Washington, D.C. 20460
EPA Reg. No. 8596-21

STORAGE AND DISPOSAL

Do not contaminate water or food by storage and disposal.

PESTICIDE STORAGE: Store in a warm, dry place above 40° F to prevent freezing.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local procedures.

GUIDES TO GOOD STORAGE

TO SUCCESSFULLY STORE GRAIN, THE FOLLOWING MANAGEMENT STEPS MUST BE FOLLOWED:

1. Remove all leaf, stem and cob particles from grain before storing.
2. Clean all storage buildings and harvesting machinery of old grain and dirt.
3. Wash all interior storage areas, wagons, trucks, rail cars and grain barges with a solution of 8 ounces of Kemin's BIN SWEET in a gallon of water.
4. Treat all high moisture grain with GRAIN TREET B. Apply in the form of a spray. Use Kemin's GRAIN TREET B Applicator to apply the GRAIN TREET B.
5. Treat all grain and interior storage areas with an approved insecticide.
6. Take temperature of the grain daily until grain is properly cooled. Aeration must be available.
7. Kemin's system for the holding of high moisture grain takes careful attention.
8. Treat only whole kernel grains.
9. Do not store treated grain and non-treated grain in the same storage structure.
10. Store treated grain for up to 23 months only.

DIRECTIONS FOR USE

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

GRAIN TREET B IS FOR THE SOLE CONTROL OF MOLD AND FUNGI ON GRAINS FOR ANIMAL FEED. USE GRAIN TREET B ON CORN, OATS, BARLEY, WHEAT AND SORGHUM. DO NOT USE ON GRAIN WHICH MIGHT BE USED FOR SEED OR MALTING.

IF GRAIN IS SOLD AT HIGHER MOISTURE LEVELS, GRAIN MAY BE DISCOUNTED DUE TO MOISTURE LEVELS.

GRAIN TREET B must be applied in the form of a spray. Use the Kemin applicator. Be sure the applicator is properly calibrated. Use the following tables to determine proper rate of application:

RECOMMENDED RATE OF GRAIN TREET B/TON OF MOIST CORN IN COVERED STORAGE

Duration of Storage	Moisture Content of Corn, Percent by Weight		
	Up to 18-20%	21 to 30%	31 to 35%
Up to 6 months*	8 lbs or 1 gallon	12 lbs or 1.5 gallons	16 lbs or 2 gallons
Up to 23 months	12 lbs or 1.5 gallons	16 lbs or 2 gallons	20 lbs or 2.5 gallons

* Not recommended if grain is to be kept in storage beyond May 1.

RECOMMENDED RATE OF GRAIN TREET B FOR OPEN STORAGE OF MOIST CORN

Moisture Content of Grain, Percent by Wt.	Lbs GRAIN TREET B/ Ton Corn	Gals. GRAIN TREET B/ Ton Corn
20	15	1.8
22	17	2.0
24	19	2.3
26	21	2.5
28	23	2.8

GRAIN TREET B used on moist corn stored in the open shall be limited to the following areas: Nebraska (excluding S.E. corner), Western Kansas, Western Oklahoma, Texas Panhandle, Eastern New Mexico, Eastern Colorado and S.E. Wyoming. All such corn must be fed out before May 1 of the following spring. Acceptable storage areas are bunkers, pits, or slabs with concrete or asphalt floors. Dirt or wooden walls must be lined with plastic. Do not cover the surface. Seal and construct storage areas to prevent water entry and slope floor area for drainage. Store in long, rounded piles. Treatment should be made within four (4) hours of harvest.

RECOMMENDED RATE OF GRAIN TREET B/TON OF MOIST SORGHUM, WHEAT, OATS OR BARLEY IN COVERED STORAGE

RATE OF GRAIN TREET B FOR COVERED STORAGE OF MOIST GRAINS*

<u>Moisture Content of Grain, Percent by Wt.</u>	<u>Lbs GRAIN TREET B/ Ton Grain</u>	<u>Gals. GRAIN TREET B/ Ton Grain</u>
20	15	1.8
22	17	2.0
24	19	2.3
26	21	2.5
28	23	2.7
30	25	3.0
32	27	3.3
34	29	3.5
36	31	3.7

* These rates protect stored sorghum, wheat, oats or barley up to 12 months.

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