

PM 22

8596-24

1/30/98

pg 125

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
254458

Application for Pesticide - Section I

1. Company/Product Number 8596-24	2. EPA Product Manager Cynthia Giles-Parker	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) KEM PROP	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Kemin Industries, Inc. XX 2100 Maury St., Box 70 Des Moines, IA 50301-0070 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to NOTIFICATION Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application. JAN 30 1998
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

- a) Deletion of animal feed restriction (see attached pages)
- b) Revisions to labeling language
- c) Correction of a typographical error under "Directions of use"

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 40, 50, 450, 2000 lbs		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Ruth Coughlan	Title Regulatory and Environmental Coordinator	Telephone No. (Include Area Code) 515/266-2111
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		Date Application Received (Stamped)
2. Signature 	3. Title Regulatory and Environmental Coordinator	
4. Typed Name Ruth Coughlan	5. Date 1-9-98	

NOTIFICATION

JAN 30 1998

**KEM PROP
Liquid**

PRODUCT 04336

ACTIVE INGREDIENT: Propionic Acid	99.5%
INERT INGREDIENTS	0.5%
TOTAL	100%

This product contains 8.30 lbs. KEM PROP per gallon.

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Corrosive: Causes burns and irreversible eye damage. Do not get in eyes, on skin or on clothing. Harmful if swallowed, inhaled or absorbed through skin. Avoid working near high concentrations of spray/mist or vapor. Use with adequate ventilation. Wear goggles, face shield or safety glasses. Wear chemical-resistant gloves, chemical-resistant aprons, and chemical-resistant footwear and goggles or face shield when loading application equipment unless a closed loading system is used. Avoid breathing vapor or spray/mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

Physical and Chemical Hazards

Do not use or store near heat or open flame.

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: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

If on skin: Immediately wash with plenty of soap and water. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration.

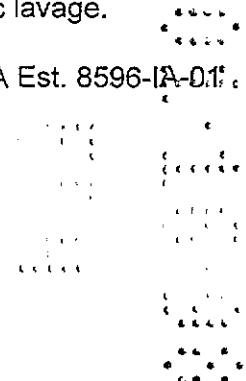
If swallowed: Do not induce vomiting. Rinse mouth immediately then drink large quantities of water. Get immediate medical attention.

Note to physician: Probable mucosal damage may contraindicate use of gastric lavage.

EPA Registration No. 8596-24

EPA Est. 8596-1A-01

NET WT. 50 lbs. (22.68 kg)



KEM PROP Liquid

DIRECTIONS FOR USE

KEM PROP is a fungicide for the control of molds and fungi in high-moisture grain. It is a violation of federal law to use this product in a manner inconsistent with its labeling. **Read the entire label. Use strictly in accordance with precautionary statements and directions for use.** Do not use on seed which might be used for seed or malting.

Determine the moisture content of freshly harvested grain and treat within four (4) hours of harvest. Apply treatment at recommended rates dependent upon the moisture content, type and length of storage. Use applicator equipment compatible with propionic acid. Apply in the form of a spray. Monitor the equipment, preservative flow, and grain throughput to insure proper application. Use the following tables to determine proper rate of application:

RECOMMENDED RATE OF KEM PROP PER TON OF MOIST CORN IN COVERED STORAGE

Duration of Storage	Moisture Content of Corn, Percent by Weight		
	Up to 20%	21 to 30%	31 to 35%
Up to 6 months*	8 lbs. or 1 gallon	12 lbs. or 1½ gallons	16 lbs. or 2 gallons
Up to 12 months*	12 lbs. or 1½ gallons	16 lbs. or 2 gallons	20 lbs. or 2½ gallons

* Not recommended if grain is to be stored after May 1.

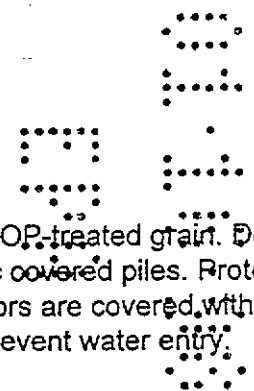
RECOMMENDED RATE OF KEM PROP PER TON OF MOIST SORGHUM, WHEAT, OATS OR BARLEY IN COVERED STORAGE**

RATE OF KEM PROP FOR COVERED STORAGE OF MOIST GRAINS

Moisture Content of Grain, Percent by Wt.	Lbs. KEM PROP per Ton of Grain	Gal. KEM PROP per Ton of Grain
16	11	1.3
18	13	1.6
20	15	1.8
22	17	2.0
24	19	2.3
26	21	2.5
28	23	2.8
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.

Wood and concrete structures are ideal covered storage facilities for KEM PROP-treated grain. Do not store in upright tile, stave, or concrete bunker silos, or on the ground in plastic covered piles. Protect metal and concrete surfaces against corrosion. Be sure all concrete or dirt floors are covered with plastic (4-6 mil thickness). Seal and construct pit or trench storage areas to prevent water entry.



RECOMMENDED RATE OF KEM PROP PER TON OF MOIST CORN IN OPEN STORAGE***

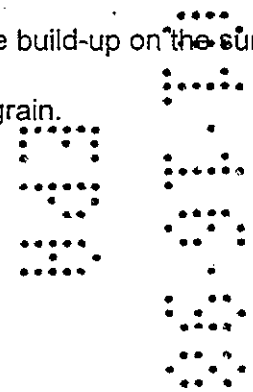
Moisture Content of Grain, Percent by Wt.	Lbs. KEM PROP per Ton Corn	Gals KEM PROP per Ton Corn
16	11	1.3
18	13	1.6
20	15	1.8
22	17	2.0
24	19	2.3
26	21	2.5
28	23	2.8

*** KEM PROP 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 outdoor storage areas are bunkers, pits, or slabs with concrete or asphalt floors; do not store grain on dirt surfaces. Dirt or wooden walls must be lined with plastic. Do not cover grain surface. Seal and construct storage areas to prevent water entry and slope floor area for drainage. Store in long, rounded piles.

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

1. Remove all leaf and stem particles from grain before storing.
2. Clean all storage areas and harvesting machinery of old grain and dirt.
3. Treatment inhibits germination. Do not use on seed which might be used for seed or malting. Grains treated with propionic acid may be classified as 'sample grade' due to odors from chemical treatment.
4. Apply an approved anti-corrosive and acid-resistant coating to all metal and concrete storage surfaces to prevent corrosion.
5. Do not treat in the rain. If rain does fall on untreated grain, allow the rain to soak into the pile and test for moisture content before continuing treatment.
6. Apply in the form of a spray as directed and wash applicator equipment thoroughly with water after each use.
7. Do not mix treated grain and untreated grain or forages in the same storage area.
8. Do not store treated grain on bare dirt floors
9. Check grain in storage frequently for signs of heating internally or moisture build-up on the surface. Aeration must be available.
10. Follow established management practices in the handling and storage of grain.



STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in a warm, dry place above 10F 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 puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTIES

The manufacturer makes no warranties, expressed or implied, concerning the 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. The manufacturer neither makes nor authorizes any agent or representative to make any other warranties, including warranties of fitness for a particular purpose or merchantability, guarantee or representation, concerning this material. This product is sold only on the basis that the buyer assumes all risks of use or handling which result in loss or damage and which are beyond the manufacturer's control. No claim of any kind, whether or not based on negligence, shall be in greater amount than the purchase price of the material in respect of which such claim is made. In no event shall manufacturer or seller be liable for special, indirect or consequential damages resulting from the use or handling of this material. This warranty does not extend to, and the buyer shall be solely responsible for, any and all loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings, or cautions.

PRODUCT COLOR CHANGE WILL NOT AFFECT PERFORMANCE
For Agricultural Use Only.

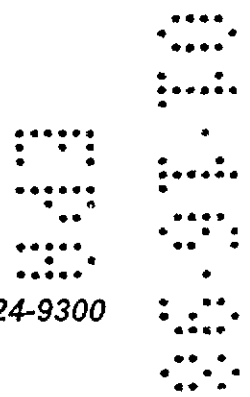
TAKE TIME

OBSERVE LABEL
DIRECTIONS

KEMIN INDUSTRIES, INC.

2100 Maury St., Box 70 • Des Moines, IA U.S.A. 50301-0070 • 1-800-777-8307

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24-hr. Emergency Contact: CHEMTREC (800) 424-9300