

8596-31

4/5/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Jill Hyda  
Regulatory Affairs Manager  
Kemin AgriFoods North America, Inc.  
2100 Maury Street  
Des Moines, IA 50317-1100

APR 5 2010

Re: **Registration Review** for KEM SAN<sup>®</sup> Liquid  
EPA Registration 8596-31  
Decision Number 405729  
Response to EPA/SRRD Email Dated 12/30/08

Dear Ms Hyda:

The Agency is in receipt of your revised label submitted March 31, 2010, and has confirmed the specified language with respect to the baling of hay has been added as requested. As previously noted, this change ensures negligible environmental exposure, and therefore, allows the Agency to proceed with a final registration review decision without data call in for the following:

- 850.4100 Seedling Emergence, Tier 1
- 850.4150 Vegetative Vigor, Tier 1
- 830.7050 Ultraviolet/Visible Absorption

The label is acceptable provided the following change is made: Move the baling restrictions "This product may only be used during the baling....operation instructions" from the section **ENVIRONMENTAL HAZARDS** to the section **DIRECTIONS FOR USE** under the subheader **FEED AND HAY**.

One copy of the label stamped "Accepted with comments" is enclosed for your records. This label supercedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

The Agency has determined that the registrant may distribute and sell propionic acid products bearing old labels/labeling for 12 months from the date of issuance of this letter. Registrants and persons other than the registrant remain obligated to meet existing stocks requirements applicable to products they sell or distribute.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,

Shaja B. Joyner  
Product Manager (20)  
Fungicide Branch  
Registration Division (7504P)

Enclosure: Label stamped "Accepted with Comments"

# KEM SAN® Liquid



For the control of non-public health bacteria in livestock and poultry drinking water, high moisture grains (oats, corn, barley, wheat, and sorghum), hay (alfalfa, clover, timothy, vetch, cowpeas, sudan grass, peavine, rye grass, peanut, orchard grass, lespedeza, fescue, brome grass, lupines, soybean, Bermuda grass and bluegrass), storage areas for silage and grain, and poultry litter.

### ACTIVE INGREDIENT

Propionic Acid.....70.5%

OTHER INGREDIENTS.....29.5%

TOTAL.....100.0%

This product contains 6.36 pounds of propionic acid per gallon.

**KEEP OUT OF REACH OF CHILDREN  
DANGER PELIGRO**

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

### NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
APR 5 2010**

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

8596-31

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animal**

**DANGER: Corrosive. Causes irreversible eye damage. Do not get in eyes or on skin or clothing. Harmful if absorbed through the skin. Harmful if swallowed. Harmful if inhaled. Avoid breathing vapor or spray mist. Avoid working near high concentrations of spray mist/vapor. Use with adequate ventilation.**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Wear chemical-resistant gloves made of any waterproof material, chemical-resistant apron, chemical-resistant footwear and goggles or face shield when loading application equipment unless a closed loading system is used. Applicators must wear protective eyewear, chemical resistant gloves made of any waterproof material, long sleeved shirt and long pants, and shoes with socks.**

**USER SAFETY RECOMMENDATIONS**

**User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.**

**ENVIRONMENTAL HAZARDS**

**For terrestrial uses, do not apply directly to water, or 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 washwater or rinsate.**

**This product may only be used during the baling process if appropriate baler equipment is used which prevents exposure of non-target organisms to this pesticide product. Do not apply to pre-harvest hay and straw, cut hay and straw in the field prior to baling, or to hay and straw after it has been baled. Apply product to the hay and straw as it is fed into the baler, using the rates on the label. The baler application equipment must prevent drippage and drift, and must function properly and be used/maintained in accordance with the manufacturer's written operation instructions.**

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#### **DIRECTIONS FOR USE**

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

**DRINKING WATER:** Use as an aid in the reduction of bacteria in processed drinking water for livestock and poultry. Use 1/3 to 1-1/2 fluid oz. per gallon of water. Use 1/3 fluid oz. under normal conditions. Use 1-1/2 fluid oz. when water contains high bacterial contamination.

**POULTRY LITTER:** Apply 6 fluid oz. in one gallon of water to each 1,000 square feet of litter using a low-pressure sprayer.

**FEED and HAY:** Use 28.75 fluid oz. (2 pounds) per ton. When used in feed and hay, do not dilute.

**SILAGE STORAGE:** Remove all old silage and dirt from all interior surfaces of the storage areas. Mix 6 fluid oz. in one gallon of water. Apply this solution to 1000 square feet of surface storage areas using a low-pressure sprayer.

**GRAIN STORAGE:** Remove all old grain and dirt from all interior surfaces of the storage areas. Mix 6 fluid oz. in one gallon of water. Apply this solution to 1000 square feet of surface storage areas using a low-pressure sprayer.

#### **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:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Offer for reconditioning, if appropriate. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**NOTE: KEM SAN is not a substitute for good management.**

**For non-emergency Kemin product inquiries, please call Customer Service at 1-800-752-2864 between the hours of 7 a.m.- 4:30 p.m. Central Standard Time. Monday - Friday.**

**For Chemical Emergency ONLY (spill, fire, exposure or accident), call the CHEMTREC 24-hour toll free number at 1-800-424-9300.**

**WARRANTY**

**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.**



**LOT NO.:** \_\_\_\_\_

**MFG DATE:** \_\_\_\_\_

**NET WT.: 5.54 gallons (50 LB-22.68 KG)**

**PRODUCT 005003-45-US**

**EPA Registration No. 8596-31    EPA Est. 8596-IA-001**

**KEMIN INDUSTRIES, INC.  
DES MOINES, IA USA 50317**

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