

464-711

4-4-2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Maureen Miksztal
Senior Regulatory Specialist
The Dow Chemical Company
171 River Road
Piscataway, NJ 08854

APR 4 2007

SUBJECT: ✓ Applications for Pesticide Notification -- Minor Label Changes
Propionic Acid, Grain Preserver Grade EPA Reg. No. 464-711
Propionic Acid, Formulating Grade EPA Reg. No. 464-717
Applications Dated January 29, 2007

Dear Ms. Miksztal:

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the products above. The Registration Division (RD) has conducted a review of these requests for their applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The labels submitted with the applications have been stamped "Notification" and will be placed in our records.

If you have any questions, please me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



January 29, 2007

2/6
The Dow Chemical Company
171 River Road
Piscataway, NJ 08854
USA

Overnight Delivery

Document Processing Desk (NOTIF)
Office of Pesticides Programs (7504P)
Registration Division, Fungicide Branch
U. S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

NOTIFICATION

APR 04 2007

Subject: Propionic Acid, Grain Preserver Grade, EPA Reg. No. 464-711
Notification of Minor Label Change

Dear Sir/Madam:

Per PR Notice 98-10, The Dow Chemical Company is submitting a notification to the registration for Propionic Acid, Grain Preserver Grade, EPA Reg. No. 464-711. This notification includes a minor change to the Propionic Acid, Grain Preserver Grade labeling. Please find enclosed the following documentation in support of this application:

- Application Form, EPA Form 8570-1
- One (1) copy of labeling with minor label change
- One (1) copy of labeling with changes highlighted
- Self-addressed postcard for notification of EPA approval of 464-711 of minor label changes

Please contact me at 732-563-5586 with questions or comments regarding this submission.

Sincerely,

Maureen Miksztal
Senior Regulatory Specialist

Enclosures

Cc: Mr. Tony Kish, Acting PM-22



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 464-711	2. EPA Product Manager Tony Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Propionic Acid, Grain Preserver Grade	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) The Dow Chemical Company 1803 Building Midland, MI 48674 <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 type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION APR 04 2007
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

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

The Dow Chemical Company is submitting a notification to the label to clarify that Dow is not the producer. The text, "produced for:" has been added to the label. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA.

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 checked="" type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
		If "Yes" Package wgt.	No. per container	<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 5 and 55 gallon and bulk		5. Location of Label Directions <input checked="" type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" 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 Maureen Mikszta	Title Senior Regulatory Specialist	Telephone No. (Include Area Code) 732-563-5586
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.		6. Date Application Received (Stamped)
2. Signature 	3. Title Senior Regulatory Specialist	
4. Typed Name Maureen Mikszta	5. Date 1/29/07	

Propionic Acid, Grain Preserver Grade

An inhibitor for control of molds and fungi in cowpea hay, peanut hay, peavine hay and soybean hay and high-moisture stored corn, oats, barley, wheat or sorghum to be used as livestock or poultry feed.

NOTIFICATION

Active Ingredient: Propionic Acid* 99.5%
Inert Ingredients. 0.5%
100.0%

APR 04 2007

*This product meets specifications as set forth in the Food Chemicals Codex Compendium.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER
KEEP OUT OF REACH OF CHILDREN**

CORROSIVE: CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. HARMFUL AND CORROSIVE IF SWALLOWED. HARMFUL IF INHALED OR ABSORBED THROUGH SKIN.
Do not get in eyes, on skin, on clothing. Do not swallow. Avoid breathing vapors or mist. Wear safety goggles and/or face shield. Wear protective clothing and chemical resistant gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid working near high concentrations of spray mist/vapor. Use adequate ventilation. 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this active ingredient into lake waters unless this product is specifically identified and addressed in a NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of EPA.

PHYSICAL AND CHEMICAL HAZARDS

COMBUSTIBLE! Keep away from heat and open flame.

KEEP OUT OF REACH OF CHILDREN

**DANGER
FIRST AID**

If in eyes:

- Wash immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses after the first 5 minutes and continue washing.
- Obtain prompt medical consultation, preferably from an ophthalmologist.

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 a doctor for treatment advice.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or a doctor for further treatment advice.

If swallowed:

- Call a poison control center or a doctor immediately for treatment advice.
- Give one cup (8 ounces or 240 mL) of water or milk if available and transport to a medical facility.
- **DO NOT INDUCE VOMITING.**
- Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage.

Have the MSDS, and if available, the product container or label with you when calling a poison control center or a doctor, or going for treatment.



**Produced for:
THE DOW CHEMICAL COMPANY**

Midland, Michigan 48674 U.S.A.

1-800-258-CHEM

*Trademark of The Dow Chemical Company

FPA Reg. No. 464-711
EPA Est. No. 81450-TX-1
Made In USA
PE0207

NET CONTENTS:

_____ LBS., _____ GALS.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its label.
Read entire label. Use strictly in accordance with precautionary statements and directions for use.

General Directions

Use treated grain for animal feed only. Treatment inhibits germination; do not use on grain intended for seed or malting, or for use in human foods. Grain preserved with propionic acid is classified as "sample grade" due to persistent odors from chemical treatment.

Do not store treated grain with untreated grain or forage in the same storage area. Thoroughly clean all storage areas prior to use.

Apply anti-corrosive paint to all metal and concrete storage surfaces to prevent corrosion and grain molding due to acid neutralization.

Determine moisture content of freshly harvested grain and treat within 4 hours of harvest. Adjust treatment rate as detailed below depending on moisture content and type or length of storage.

Do not treat in the rain. Allow rain to soak into the pile and test for moisture content before continuing treatment.

Thoroughly mix acid and grain by spraying acid on grain in auger while moving to storage. Stop auger immediately if spray failure occurs. Establish auger throughput and set flowmeter to apply proper rate of acid.

Apply this product only at the recommended rates.

Flush out application and handling equipment with water after acid application is completed.

WEATHERPROOF STORAGE OF HIGH-MOISTURE GRAINS

Follow all General Directions given above.

Protect grain from outside moisture in metal or wooden bins, converted cribs, Quonset huts, or other roofed buildings.

Waterproof floor; ventilate headspace to prevent condensation in storage area.

Do not store in upright tile, stave, or concrete silos, bunker silos, or on ground in plastic-covered piles.

Follow normal aeration procedures to prevent moisture condensation and migration.

Use the treatment rates as given in the following tables:

RECOMMENDED RATES OF PROPIONIC ACID/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 1.5 gallons	16 lbs. or 2 gallons
Up to 12 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 stored after May 1

RECOMMENDED RATES OF PROPIONIC ACID/TON OF MOIST SORGHUM, WHEAT,
OATS OR BARLEY IN COVERED STORAGE

Moisture Content of Grain, Percent by Wt.	Rate of Propionic Acid for Covered Storage of Moist Grains	
	lbs. acid/ton of grain	gals. acid/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.

OUTDOOR STORAGE OF HIGH-MOISTURE CORN GRAIN ONLY

Follow all General Directions given above.

Unprotected large pile storage is recommended *only in the following areas of low-precipitation: Nebraska (excluding SE corner) Western Kansas, Western Oklahoma, Texas Panhandle, Eastern New Mexico, Eastern Colorado and SE Wyoming.*

Corn grain stored in this manner must be fed out before May First.

Bunkers, pits, or slabs are accepted storage facilities, provided:

- the floors are concrete or asphalt; do not store grain on dirt surfaces.
- any dirt or wood walls should be lined with plastic; do not cover grain surface with plastic.
- seal and construct storage areas to prevent water entry; slope floor area for drainage.

Plan storage for maximum access. Feed out corn along one side of bunkers or pits; or by rotation around slab piles.

Use the following treatment rates, testing moisture content of each load and treating within 4 hours of harvest. Do not treat or store grain over 28% moisture content.

Moisture Content of Grain, Percent by Wt.	Rate of Propionic Acid for Open Storage of Moist Corn	
	lbs. acid/ton corn	gals. acid/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

Treated grain should be stored in long, rounded piles. Avoid peaks and valleys. Smooth footprints and other depressions.

Temperature Monitoring. Sharp increases in grain temperature signal potential spoilage. Thermocouple or hand temperature probes are suggested. They may be placed at various spots around the pile and should be read weekly. Localized melting of snow or frost, steam, and seepage are other indicators of spoilage.

STORAGE OF COWPEA HAY, PEANUT HAY AND SOYBEAN HAY
Propionic acid is applied undiluted to hay with a low-pressure spray system equipped with adequately arranged and calibrated nozzles to hay just prior to baling and stacking. The application rate is 3 - 31 pounds/ton of the active ingredient.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage:

Keep away from heat and open flame. Keep container closed during storage.

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. (non-

LIMITED WARRANTY AND DISCLAIMER

Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect
989-636-4400