

8655-5

07-13-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Brian P. Bacon
Technical Representative
CHSES-PSH-HAZCOM
Eastman Chemical Company
200 S. Wilcox Drive
Kingsport, TN 37660

JUL 13 2010

Re: **Registration Review** for Eastman™ Propionic Acid P Grain & Hay Preservative
EPA Registration 8655-5
Decision Number **419789**
Response to EPA/SRRD Email Dated 12/30/08

Dear Mr. Bacon:

The Agency is in receipt of your revised label submitted July 8, 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

One copy of the label stamped "Accepted" is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed label revised to include 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,

A handwritten signature in black ink, appearing to read "Erik Kraft".

Erik Kraft
Acting PM, Team 20
Fungicide Branch
Registration Division (7504P)

Enclosure: Label stamped "Accepted"

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Eastman™ PROPIONIC ACID P GRAIN & HAY PRESERVATIVE

Active ingredient	
Propionic acid	99.5%
Other Ingredients	0.5%
Total	100.0%

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, 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 to 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.

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

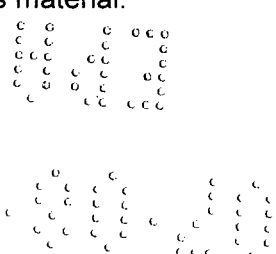
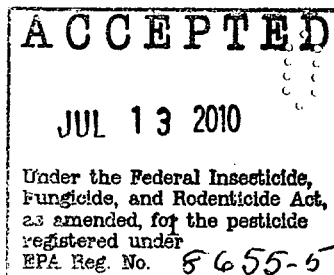
Have this product container or label with you when calling a poison control center or doctor, or going for treatment.

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

For additional information, see Material Safety Data Sheet for this material.

EMERGENCY HEALTH AND SAFETY INFORMATION
CALL: 800-EASTMAN (Within USA), 423-229-2000 (Worldwide).

EPA REG NO. 8655-5
EPA EST. 8655-TN-1



Precautionary Statements:

Hazards to Humans and Domestic Animals

DANGER! CORROSIVE: CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS

Do not get in eyes. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin or clothing. Avoid breathing vapor. Avoid working near high concentrations of spray mist/vapor. Use adequate ventilation. Wear protective clothing and safety goggles or face shield, chemical-resistant gloves, chemical-resistant aprons and chemical-resistant footwear. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS:

- Users 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.
- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Physical or Chemical Hazards: COMBUSTIBLE: DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR FLAME

Environmental Hazards: Do not apply directly to water or areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

This product may be used in the formulation of registered pesticide end-products. Formulators using this product are responsible for obtaining EPA registrations for their formulated products. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This product may only be used to formulate products for use during the baling process if appropriate baler equipment is used which prevents exposure of non-target organisms to the formulated pesticide product. This product may not be formulated into end use products to be applied 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. The following label language must appear on any end use product formulated from this product.

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DIRECTIONS FOR END USE

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 this label. The baler application equipment must prevent drippage and drift, and must function properly and be used/maintained in accordance with the manufacturers written operation instructions.

Bin Preparation: As with other blends of acids, Eastman™ Propionic Acid P is corrosive. Bins should be protected by lining with non-toxic plastic sheeting before filling.

Application: Apply Eastman™ Propionic Acid P as directed below immediately after harvest to prevent fungal growth in stored grass forage (alfalfa, clover, cowpea hay, lespedeza, lupines, peanut hay, peavine hay, soybean hay, and vetch); and in stored legume forage (barley grain, Bermuda grass, bluegrass, brome grass, corn grain, fescue, oat grain, orchard grass, rye grass, sorghum grain, sudan grass, timothy and wheat grain.)

Grain: Pounds per ton of grain with the following respective percent moisture content											
Moisture Content (%)	16	18	20	22	24	26	28	30	32	34	36
Pounds of Propionic Acid P	11	13	15	17	19	21	23	25	27	29	31

Hay: Pounds per ton of hay with the following respective percent moisture content						
Moisture Content (%)	12-18	19-21	22-23	24-25	26-28	29-31
Pounds of Propionic Acid P	4-5	5-6	7-9	10-12	15	20

Convert to "fluid ounces per 100 pounds of grain and hay" by use of the formula:
 (pounds product per ton grain) x 0.77 = fluid ounce product per hundred weight grain and hay

Apply undiluted by use of low pressure spray nozzles achieving uniform coverage. Stop application immediately in event of spray failure or nozzle plugging. Concentrations of untreated grain or hay may develop fungal growth which may spread and soil all grain or hay. ONLY GRAIN WHICH IS TO BE USED AS ANIMAL FEED MAY BE TREATED. Application will reduce grains to Sample Grade and reduce germination. Increasing the specified rate of application in the Table by 25% for the top 10% of the grain or hay will provide additional protection against the effect of normal moisture migration during storage.



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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. Avoid contamination of stored pesticide with water or caustic.

REFILLABLE CONTAINER: Refill this container with Eastman Propionic Acid P only. Do not reuse this container for any other purpose.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited.

CONTAINER DISPOSAL: To clean the container before final disposal, empty the remaining contents from this container into application equipment. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Store rinsate for proper disposal. Repeat this rinsing procedure two more times. Offer cleaned container for recycling if available or dispose of properly.

PESTICIDE SPILLAGE: Neutralize with sodium carbonate, sodium bicarbonate, chalk or lime.

GENERAL: Consult Federal, State or Local disposal authorities for approved alternative procedures.

WARRANTY AND LIMITATION OF LIABILITY

Eastman Chemical Company and its marketing affiliates warrant to their direct purchasers that Eastman™ Propionic Acid P Grain & Hay Preservative conforms to the chemical description hereon. To the extent consistent with applicable law, liability for breach of this warranty shall in no case exceed the purchase price. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR PURPOSE MADE IN CONNECTION WITH THE SALE OF THIS PRODUCT. Purchasers who are consumers may have other rights which vary from state to state.

LOT NUMBER

D.O.T. SHIPPING NAME: Propionic Acid UN 3463

NET CONTENT

NET WEIGHT

ECP 2404 (06-10) with UN3463 7/8/10

Eastman Chemical Company
200 S. Wilcox Dr.
Kingsport, TN 37660

Made in USA

