

Active ingredient Propionic acid 99.5% min.
 Inert Ingredients 0.5% max.
 Total 100.0%

EASTMAN PROPIONIC ACID[®]P

GRAIN & HAY PRESERVATIVE

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).

8655-5

Precautionary Statements: Hazards to Humans and Domestic Animals

ECP 2404 (6-03)

KEEP OUT OF REACH OF CHILDREN

DANGER! CORROSIVE: CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS

Do not get in eyes. Wear protective clothing and goggles. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin or clothing. Avoid breathing vapor. Remove contaminated clothing and wash thoroughly before re-use. Wear chemical-resistant gloves, chemical-resistant aprons and chemical-resistant footwear. Wash thoroughly with soap and water after handling.

FIRST AID: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. 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. **Note to Physicians:** Probable mucosal damage may contraindicate use of gastric lavage.

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

Environmental Hazards Statement: 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.

Bin Preparation: As with other blends of acids, Propionic Acid P is corrosive. Bins should be protected by lining with non-toxic plastic sheeting before filling.
Application: Propionic Acid P is suggested for application as directed below immediately after harvest to prevent fungal growth in stored grain forage (alfalfa, clover, cowpea hay, lespedeza, lupines, peanut hay, peavine hay, soybean hay, and vetch); and in stored legume forage (barley grain, Bermuda grass, blue grass, bromine grass, corn grain, fescue, oat grain, orchard grass, ryegrass, sorghum grain, sudan grass, timothy and wheat grain.)

Grain	Pounds per ton of grain with the following respective percent moisture content	Hay	Pounds per ton of hay with the following respective percent moisture content
Moisture Content (%)	16-18 20-22 24-26 28-30 32-34 36	Moisture Content (%)	12-18 19-21 22-23 24-25 26-28 29-30
Pounds of Propionic Acid P	11 13 15 17 19 21 23 25 27 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 hundredweight 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 SHOULD BE TREATED** since application will reduce grains to Sample Grade and reduce germination. Increasing the suggested 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.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Avoid contamination of stored pesticide with water or caustic.
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: Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill.
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. 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.

Propionic Acid UN 1848

53 Gallons

200 kg • 441 lb

LOT NUMBER

D.O.T. SHIPPING NAME

NET CONTENT

NET WEIGHT

EASTMAN

www.eastman.com

Eastman Chemical Company
 200 S. Wilcox Dr., Kingsport, TN37660
 Made in USA

02/10/2004

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ACCEPTED
FEB 10 2004
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 6655-5