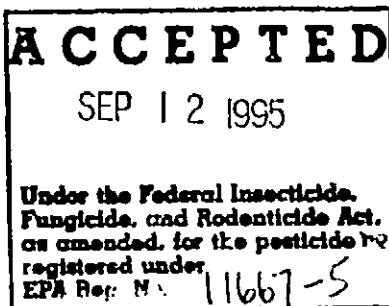


PROPIONIC ACID
EPA Reg. No. 11667-5
July 11, 1994



Front Display Panel

Net Contents
5,000 Gallons

PROPIONIC ACID

Liquid Hay & Grain Preservative

For controlling molds and fungi in stored grass forage, legume forage, corn, milo, barley, wheat and oats.

Active Ingredient:	Propionic Acid	99.5%
Inert Ingredients:	0.5%
Total:	100.0%

8.27 lbs a.i./gal (0.992 kg/l)

DANGER KEEP OUT OF REACH OF CHILDREN

May be harmful or fatal if swallowed, inhaled or absorbed through the skin. Causes severe irritation and burns to eyes and skin. Vapors cause severe respiratory track irritation.

See additional precautions on side panel.

PRECAUTIONARY STATEMENTS

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 washwaters.

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 concentration of spray mist/vapor. Use with adequate ventilation. Wear goggles, face shield, or safety glasses. Wear chemical resistant footwear, chemical resistant gloves, and chemical resistant aprons.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Drink promptly a large quantity of milk, egg white, gelatin solution or if these are not available, large quantities of water. Avoid alcohol.
GET IMMEDIATE MEDICAL ATTENTION.

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If on skin: Wash with plenty of soap and water. **GET IMMEDIATE MEDICAL ATTENTION.**

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. **GET IMMEDIATE MEDICAL ATTENTION.**

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth. **GET IMMEDIATE MEDICAL ATTENTION.**

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

BASIC FIREFIGHTING PROCEDURES

Use water spray, dry chemical, "alcohol" foam, all purpose foam or carbon dioxide to extinguish fire.

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Back Directions Panel

DIRECTIONS FOR USE

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

Preservation of Hay to be Stored in Bales

Estimate moisture content of hay prior to baling. Spray **PROPIONIC ACID** completely over fresh forage as it is being fed into the baler. Use more **PROPIONIC ACID** on forage with higher moisture as shown below.

Amounts of PROPIONIC ACID Per Ton of Hay

Hay Moisture @	20-25%	@	26-30%
Pounds	10		20
Gallons	1.2		2.3

Preservation of Silage or Hay Crop Silage

Apply 20 pounds of **PROPIONIC ACID** per ton of fresh forage by metering **PROPIONIC ACID** into the blower housing continuously as the forage is blown into upright silos, or by metering into the blower housing of the harvester if silage is to be stored compacted in bunkers or pits.

Preservation of Feed Grains

Bin Preparation: As with many other acids, **PROPIONIC ACID** is corrosive. Bins should be protected by lining with non-toxic plastic sheeting before filling.

Application: Apply **PROPIONIC ACID** immediately after harvesting to prevent fungal growth in stored corn, milo, barley, wheat, and oats. Estimate moisture content of grain while harvesting. Use higher amounts of **PROPIONIC ACID** according to higher moisture content of grains being placed into storage. See chart below.

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Back Directions Panel (continued)

Amounts of PROPIONIC ACID Per Ton of Grain

Moisture											
Content-%	16	18	20	22	24	26	28	30	32	34	36
Pounds	11	13	15	17	19	21	23	25	27	29	31
Gallons	1.3	1.6	1.8	2.0	2.3	2.5	2.8	3.0	3.3	3.5	3.7

Apply **PROPIONIC ACID** undiluted, by using of low pressure spray nozzles producing uniform coverage as grain passes through applicator. Stop grain flow immediately in event of sprayer failure or nozzle plugging. Concentrations of untreated grain may develop fungal growth which may spread and spoil all grain in the bin.

ONLY GRAIN WHICH IS TO BE USED AS ANIMAL FEED SHOULD BE TREATED since application will reduce grains to Sample Grade and reduce germination of seed. Increasing the suggested rate of application by 25% for the top 10% of the grain placed in each storage bin will provide additional protection against the effect of normal moisture migration in the grain during storage

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Side Precautions Panel

PHYSICAL AND CHEMICAL HAZARD

Combustible Liquid & Vapor

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

CONTAINER STORAGE

Do not store or use this product near open flame. Do not contaminate water, food, or feed during storage or disposal. Do not store container on its side. Avoid creasing or impacting sidewalls of container. Keep container closed. Store in a cool, dry location away from incompatibles.

PESTICIDE DISPOSAL

Wastes of this product are acutely hazardous. Improper disposal of excess product, spray, or mixture of 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 container in a sanitary landfill. Or, if allowed by state and local authorities, dispose of by burning. If burned, stay out of smoke.

SPILL OR LEAK PROCEDURE

Allow no fires, smoking, or flames in hazard area. Stop leak if you can do without risk. Use water spray to reduce vapors. Small Spills: Take up with sand or other noncombustible absorbent material or other sorbent known to be compatible, then flush area with water. Large Spills: Dike far ahead of spill for later disposal.

ATTENTION:

Empty containers may contain toxic, flammable/combustible or explosive residue or vapors. Do not cut, grind, drill, weld, reuse, or dispose of containers unless adequate precautions are taken against these hazards

OBSERVE ALL PRECAUTIONARY LABELING

BP Chemicals, Inc.
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FOR ANY CHEMICAL EMERGENCY CALL CHEMTREC (800) 424-9300
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