



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505C)
 401 "M" St., S.W.
 Washington, D.C. 20460

EPA Reg. Number:
34704-35

Date of Issuance:
OCT 11 1995

NOTICE OF PESTICIDE:
 _____ Registration
XX Reregistration

(under FIFRA, as amended)

Term of Issuance: **Conditional**

Name of Pesticide Product:
Clean Crop Grain Protector

Name and Address of Registrant (include ZIP Code):
**Platte Chemical Company
 150 S. Main Street
 Fremont, NE 68025-5697**

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Reregistration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally reregistered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the following labeling changes:
 - a. Modify the **PRECAUTIONARY STATEMENTS** section as follows:

"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. Wear chemical-resistant gloves, aprons, footwear and goggles or face shield when loading application equipment unless a closed loading system is used. Avoid breathing and/or working near high concentrations of spray mist/vapor. Use adequate ventilation. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling."
 - b. Modify the **STATEMENT OF PRACTICAL TREATMENT** section as follows:

If in Eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

If on Skin: Wash with plenty of soap and water. Get medical attention.

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 medical attention.

(continued on page 2)

Signature of Approving Official:
Theresa A. Scove

Date:
10/11/95

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth. Get medical attention.

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

- c. Under the **ENVIRONMENTAL HAZARDS** section, delete the first sentence and replace with "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."
3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.



GRAIN PRESERVER

An Inhibitor for Control of Molds and Fungi in High-Moisture Stored Corn, Oats, Barley, Wheat or Sorghum to Be Used as Livestock or Poultry Feed.

ACTIVE INGREDIENT:

Propionic Acid* 100%
*This product meets specifications set forth in the food chemicals codex compendium.

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See below for additional precautionary statements
EPA REG. NO. 34704-35
EPA EST. NO. _____

COMBUSTIBLE
Keep away from heat, sparks and fire

NET CONTENTS _____ GALLONS (_____ LITERS)
34203 EXP12G92

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

Corrosive, causes irreversible eye damage and skin burns. Harmful if swallowed or inhaled. Avoid contact with skin, eyes and clothing. Avoid breathing of vapors or spray mist. 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. Avoid working near high concentrations of spray mist/vapor. Use with adequate ventilation. Wash thoroughly after handling.

STATEMENT OF PRACTICAL TREATMENT

If In Eyes: Immediately flush eyes with plenty of clean, running water. Get medical treatment immediately.

If On Skin: Immediately remove contaminated clothing and flush affected areas with plenty of clean, running water. Get medical attention.

If Inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

If Swallowed: Do Not induce vomiting. Rinse mouth with abundant quantities of water, then promptly drink a large quantity of milk mixed with egg whites. If these items are not available, drink as much water as possible. Get medical attention immediately.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or swamps, bogs, marshes, and potholes. Do not contaminate water when disposing of rinsate or equipment washwaters.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly.

Storage: Store in a safe manner. Store in original container only. Store in a cool, dry place away from heat, sparks or open flame. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling practices.

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, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL DIRECTIONS

Use treated grain for animal feed only. Treatment inhibits germination. Do not use on grain intended for seed, malting, or for use in human foods. Grain preserved with propionic acid are 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.

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

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.

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, 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 1/2 gallons	16 lbs. or 2 gallons
Up to 12 months*	12 lbs. or 1 1/2 gallons	16 lbs. or 2 gallons	20 lbs. or 2 1/2 gallons

*Not recommended if grain is to be stored after May

GRAIN PRESERVER

EPA REG. NO. 34704-35

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 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 wooden 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 store in long, rounded piles. Avoid peaks and valleys. Smooth footprints and other depressions.

Temperature Monitoring. Sharp increases in grain temperature signal potential spoilage. Thermocouples 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 indications of spoilage.

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATIONS, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. PLATTE MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

FORMULATED FOR
PLATTE CHEMICAL CO.
150 SO. MAIN STREET FREMONT, NEBRASKA 68025-5697

ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT 11 1995

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

34704-35