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LIVINGSTON'S TOBACCO CURING GAS™

For use in tobacco curing barns to accelerate the curing of flue-cured tobacco using Livingston's patented

AC-CEL®

method of curing

Active Ingredient	
Ethylene	99.9%
Inert Ingredients	0.1%
Total	100.0%

FLAMMABLE GAS

Keep Away From Heat and Flame

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENTS OF PRACTICAL TREATMENT:

IF IN EYES: Flush with plenty of water. Call a physician.
IF ON SKIN: Flush with plenty of soap and water. Get medical attention.
IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

SEE SIDE PANEL FOR PRECAUTIONARY STATEMENT

SOLD BY

(Insert LCI Logo)

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EPA Reg. No. 47893-2
EPA Est. No. 67577-TX-001

NET CONTENTS

_____4 Pounds _____9 Pounds

_____10 Pounds _____30 Pounds

IF OTHER, WRITE IN WEIGHT HERE:_____

ACCEPTED 4/29/96
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 47893-2

PRECAUTIONARY STATEMENTS
Hazards To Humans and Domestic Animals

DANGER

Liquified or pressurized gas can cause frost burns. Do not get in eyes or on skin. Wear long-sleeved shirt, long pants, boots, goggles and chemical resistant gloves while handling cylinders or any application equipment under pressure. Harmful if inhaled. Avoid breathing vapors. Do not enter unventilated treatment areas unless wearing a respirator approved by NIOSH/MSHA for this use.

PHYSICAL OR CHEMICAL HAZARDS

Extremely flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130 degrees Fahrenheit may cause bursting.

IMPORTANT NOTICE

This container is to be returned to LIVINGSTON CHEMICALS, INC. or its designated agent for refilling when emptied. Unauthorized filling of this container is prohibited by Federal Law.

GENERAL INFORMATION

Livingston's Tobacco Curing Gas™ (ethylene), if handled in accordance with the label, will reduce curing time of flue-cured tobacco using Livingston's patented AC-CEL® method.

This product should be used on mature tobacco only. When used according to directions, **Livingston's Tobacco Curing Gas™** will reduce curing time of flue-cured tobacco by providing constant exposure to the same type of plant-ripening hormone contained in the tobacco until the tobacco is properly conditioned for coloring and curing.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Storage: Store cylinder and applicator's kit in a safe place, away from the weather, when not in use. CONTENTS UNDER PRESSURE. DO NOT MOVE OR STORE CYLINDER WITHOUT SAFETY CAP SECURELY IN PLACE. DO NOT STORE NEAR HEAT OR FLAME.
Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Excess gas that cannot be held in proper storage for later use should be returned to supplier.
Container Disposal: Return empty cylinder for reuse.

AC-CEL® is a registered trademark of Livingston Chemicals, Inc.
Livingston's Tobacco Curing Gas™ is a trademark of Livingston Chemicals, Inc.

Method of use protected by one or more of the following U.S. Patents: No. 4,836,222 and 5,125,420.
Method of use protected by the following Canadian patent: No.2,039,906

APPLICATION

Livingston's Tobacco Curing Gas™ is designed for application to the curing barn with the specially designed applicators kit, which is calibrated to maintain 10 to 300 ppm ethylene, applying 1 lb. per 24 hours. The concentration will vary according to the tightness of the barn.

The applicator's kit contains an ample length of rubber tubing (six feet) to connect the cylinder with the barn. The barn end of the tubing should be placed in the air flow on the discharge side of the fan with the open end of the tube pointed in the direction of the air flow. The discharge end of the tube must be open for the gas to enter the barn. Always check tubing for dirt, and any obstructions prior to operating the applicator's kit. Remove cylinder from the barn when the application is complete. The applicator's kit is locked to prevent tampering with the calibration.
DO NOT ATTEMPT TO CALIBRATE THIS UNIT.

TOBACCO (FLUE-CURED)

Use immediately after filling barn. Using the applicator's kit for **Livingston's Tobacco Curing Gas™** will provide concentrations of 10-300 ppm ethylene in curing barns of 2,000 to 4,000 cubic feet with forced recirculation of air and an air exchange of approximately 50 to 100 times per 24 hours.

During the exposure time, vents and doors should be closed.

Start furnace heat at approximately 5° above the outside temperature. Apply **Livingston's Tobacco Curing Gas™** at the beginning of the normal coloring process. Raise the dry bulb heat inside the curing barn to the range of 100° F to 105° F. Bring the wet bulb temperature to the range of 100°F of 105°F. Maintain this wet bulb temperature through the coloring process. When the dry bulb reaches the range of 100°F-105°F, advance the dry bulb heat at the rate of 0.5°F to 3°F per hour.

Continue to apply **Livingston's Tobacco Curing Gas™** until all green pigment has left the leaf, which may include the wilting and early drying stages of the leaf and stems.

The normal concentrations reached inside a tobacco curing barn are 25 to 150 ppm. **Livingston's Tobacco Curing Gas™** is flammable only in concentrations of 31,000 to 310,000 ppm in air.

Do not use on tobacco treated prior to harvest with ripening agents. Use of this product in enclosures of less than 1,000 cubic feet is prohibited.

WARRANTY

Seller makes no warranty, expressed or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.