

LIVINGSTON'S TOBACCO CURING GAS™ COLORING/CURING AGENT

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. Can cause rapid suffocation due to oxygen deficiency. 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 ACCEL™ 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 when not in use, away from the weather. **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 the supplier.

Container Disposal: Return empty cylinder for reuse.

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

Active Ingredient
Ethylene..... 98.3%
Inert Ingredients..... 1.7%
Total..... 100.0%

FLAMMABLE GAS

Keep Away From Heat and Flame
KEEP OUT OF REACH OF CHILDREN

DANGER

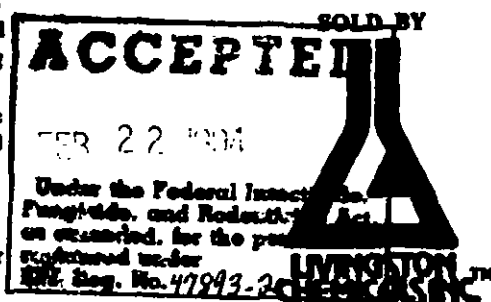
STATEMENTS OF PRACTICAL TREATMENT:

IF IN EYES: Flush with plenty of water for at least 15 minutes. 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 STATEMENTS



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

NET CONTENTS

____ 4 POUNDS ____ 7 POUNDS
____ 10 POUNDS ____ 11 POUNDS
____ 14 POUNDS ____ 29 POUNDS

HERE, WRITE IN WEIGHT HERE: _____ POUNDS

APPLICATION

Livingston's Tobacco Curing Gas™ is designed to the curing barn with the specially designed applicator calibrated to maintain 10 to 300 ppm ethylene, apply hours. The concentration will vary according to the barn.

The applicator's kit contains an ample length of rubber to connect the cylinder with the barn. The barn end of the tube placed in the air flow on the discharge side of the end of the tube pointed in the direction of the air flow. The end of the tube must be open for the gas to enter the barn tubing for dirt and any obstructions prior to operating kit. Remove cylinder from the barn when the applicator is used. The applicator's kit is locked to prevent tampering with it. **DO NOT ATTEMPT TO CALIBRATE THIS UNIT.**

TOBACCO (FLUE-CURED)

Use immediately after filling barn. Using the applicator, Livingston's Tobacco Curing Gas™ will provide a concentration of 10-300 ppm ethylene in curing barns of 2,000 to 10,000 cu ft with forced recirculation of air and an air exchange of 10 to 100 times per 24 hours.

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

Start furnace heat at approximately 5° above the outdoor temperature. Apply Livingston's Tobacco Curing Gas™ at the normal coloring process. Raise the dry bulb heat in the barn to the range of 100°F to 105°F as quickly as possible. Maintain the dry bulb temperature to the range of 100°F-105°F. Maintain the temperature through the coloring process. When the dry bulb temperature reaches the range of 100°F-105°F, advance the dry bulb heat at the rate of 1° per hour.

Continue to apply Livingston's Tobacco Curing Gas™ until the green pigment has left the leaf, which may include the stem and the leaf and stems.

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

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

WARRANTY

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

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