

#### 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's of ethylene applying 1 lb. per 24 hours. The concentrations will vary according to the tightness of the barn.

The applicators kit contains an ample length of rubber tubing (5 ft) 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. DO NOT OPERATE UNIT IF THE TUBING IS CLOGGED. Always check tubing for dirt and any obstructions prior to operating the applicators kit. The cylinder and applicators kit should be removed from the curing barn at the end of the exposure time. The applicators kit is locked to prevent tampering with the calibration. DO NOT ATTEMPT TO CALIBRATE THIS UNIT.

#### GENERAL INFORMATION

LIVINGSTON'S TOBACCO CURING GAS (ethylene) when used in accordance with the label will reduce curing time of flue-cured tobacco.

This product should only be used on mature tobacco. When used according to directions, LIVINGSTON'S TOBACCO CURING GAS will reduce the amount of green in the shoulders, butts, and veins of the leaf.

Tobacco exposed to ethylene will color and cure more quickly since the ethylene contained in LIVINGSTON'S TOBACCO CURING GAS is the same natural plant ripening hormone contained in the tobacco—the use of this product provides the tobacco with a constant exposure until the tobacco is properly conditioned for coloring and curing.

#### STORAGE

Store cylinder and applicators kit in safe place when not in use away from the weather. DO NOT STORE NEAR HEAT OR FLAME.

#### IMPORTANT NOTICE

This container is to be returned to LIVINGSTON CHEMICALS or their designated agent, dealer, or distributor when emptied for filling. Unauthorized filling of this container is prohibited.

## LIVINGSTON'S TOBACCO CURING GAS

### THE NATURAL COLORING/CURING AGENT

For use in tobacco curing barns to accelerate the curing of flue-cured tobacco.

ACTIVE INGREDIENTS	
Ethylene	99.5%
INERT INGREDIENTS	0.5%
TOTAL	100.0%

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

**CAUTION**  
SEE SIDE PANEL FOR  
ADDITIONAL INFORMATION

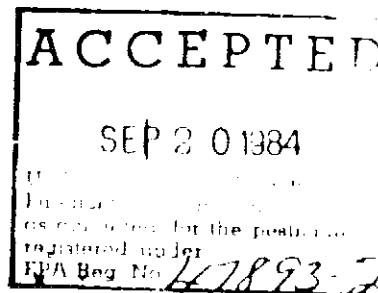


LIVINGSTON  
CHEMICALS INC.  
P.O. Box 9867  
Virginia Beach, Virginia 23454  
Phone: 804-499-9197

EPA Reg. No. 47893-2

NET CONTENTS

51984



#### CAUTION

Can cause rapid suffocation due to oxygen deficiency. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

#### PHYSICAL OR CHEMICAL HAZARDS

Extremely flammable. Contents under pressure. Keep away from heat, sparks and open flame.

#### DIRECTIONS FOR USE

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

#### TOBACCO (FLUE-CURED)

Use immediately after filling barn. Using the applicators kit for LIVINGSTON'S TOBACCO CURING GAS, 24 hours of treatment will provide concentrations of 10-300 PPM ethylene in curing barns of 2,500 to 4,000 cubic feet.

Tobacco which is fully mature will require less exposure time—12 to 18 hours maintaining 10 to 300 PPM's ethylene. Stressed tobacco (dry weather) will require a longer exposure time—36 to 48 hours maintaining an ethylene concentration of 10 to 300 PPM's.

During the exposure time vents and doors should be closed.

Temperatures inside the curing barn should be maintained at room temperature (70°F) if possible—Do not apply furnace heat unless temperatures drop below 70°F.

At the completion of the ethylene exposure, begin the normal coloring and curing process as normal.

#### CAUTION

Tobacco exposed to LIVINGSTON'S TOBACCO CURING GAS will color and cure faster than if ethylene were not used. OBSERVE the coloring and curing process closely so as to not over-color your tobacco—adjust ventilators and advance heat in accordance with your barn manufacturer's instructions.

Use of this product in enclosures of less than 1,000 cubic feet is prohibitive.

Do not use on tobacco treated prior to harvest with ripening agents.

#### WARRANTY

Seller makes no warranty, expressed or implied, concerning the use of this product other than 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.