

10330-12

09/26/2007

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# BANANA GAS 32™

## Fruit-Ripening or Degreening Gas Mixture

ACTIVE INGREDIENT:	ETHYLENE	6.3%
	CAS NO. 74-85-1	
OTHER INGREDIENT:	CARBON DIOXIDE	93.7%
	CAS NO. 124-38-9	
	TOTAL	100.0%

**ACCEPTED**  
 SEP 26 2007  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, we warrant for the pesticide registered under EPA Reg. No. 10330-12

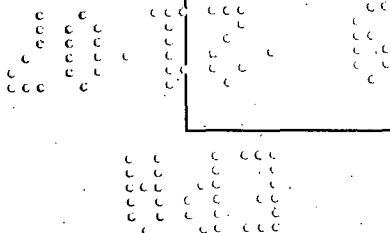
**KEEP OUT OF REACH OF CHILDREN**

**DANGER PELIGRO**

PRECAUCION AL USUARIO: SI USTED NO LEE INGLES, NO USE ESTE PRODUCTO HASTA QUE LA ETIQUETA LE HAYA SIDO EXPLICADO AMPLIAMENTE.

FIRST AID	
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If not person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> <li>• If breathing is difficult, give oxygen.</li> </ul>
<b>If on Skin</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> <li>• For exposure to cold vapor or solid, immediately warm frostbite area with warm water not to exceed 105°F (41°C). Call a physician.</li> </ul>
<b>If in Eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container label and MSDS with you when calling the physician. You may also contact 1-800-645-4633 (24 hours) for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Treatment of overexposure should be directed as the control of symptoms and the clinical condition of the patient.	

Use in accordance with the labeling and material safety data sheet for this product. Obtain a material safety data sheet from your supplier of this gas.



## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals:

Danger: May be fatal if inhaled. Do not breathe vapor. Can cause rapid suffocation. Wear appropriate respiratory protection. Harmful if absorbed through skin. May cause irreversible eye damage. May cause frostbite. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Wear the appropriate personal protective clothing,

Other Hazards: May increase respiration and heartrate. May cause nervous system damage. May cause dizziness and drowsiness. May damage retinal ganglion cells and central nervous system. Liquefied or pressurized gas may cause frost burns.

### Personal Protective Equipment (PPE):

Wear the following PPE while handling cylinders or any application equipment under pressure:

- long-sleeved shirt and long pants
- socks and boots
- goggles
- chemical resistant gloves.

### Reentry Interval:

Do not enter or reenter a treatment area until the air in that chamber or room is fully ventilated to a normal atmosphere. Do not enter unventilated treatment areas unless wearing a respirator. Use either a supplied-air respirator or a Self-Contained Breathing Apparatus (SCBA).

### PHYSICAL OR CHEMICAL HAZARDS:

Contents under pressure. Do not puncture or incinerate container. Exposure to temperature above 130°F (54.6°C) may cause bursting. Use with equipment rated for cylinder pressure. Close valve when not in use and when empty. Cylinder temperature should not exceed 125°F (52°C). Use in accordance with tag attached to cylinder valve and Praxair Form MSDS P-4818 (MSDS).

**NOTE:** Reverse flow into cylinder may cause rupture. Always use a backflow preventive device in piping.

**IN THE EVENT OF A LEAK:** Evacuate area and keep personnel upwind. Use self-contained breathing apparatus and protective clothing, and shut off leak if without risk.

**ODOR:** Sweet.

**PRECAUTIONS:** PEL: 5000 PPM-TWA Carbon Dioxide (OSHA 29 CFR 1910.1047).

### IN CASE OF EMERGENCY: CALL 1-800-645-4633

EPA REG. No.10330-12

EPA EST. No. 10330-\_\_\_\_\_

NET CONTENTS 60 lb

BATCH \_\_\_\_\_

FOR AGRICULTURAL AND INDUSTRIAL USE ONLY.

Read the attached Directions for Use tag before using this product.

### SHIPPING DESCRIPTION:

**UN1956 Compressed gases, n.o.s. (carbon dioxide, ethylene)**

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MADE IN USA  
SGB-10600 (08/07)

DO NOT REMOVE THIS LABEL

PRAXAIR, INC.  
DANBURY, CT 06810-5113

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- 2. A cylinder wall mounting bracket.
- 3. A special Banana Gas 32 regulator.
- 4. A ready-to-install, factory-assembled flowmeter panel with flowmeters.

Piping: 1/4-inch copper tubing to rooms not included.

**OPERATING INSTRUCTIONS**

- 1. Secure the cylinder of Banana Gas 32 to the cylinder wall mounting bracket.
- 2. Attach the regulator to the cylinder valve.

**NOTE: ENSURE THAT THE WASHER PROVIDED IS PLACED BETWEEN THE CYLINDER VALVE AND REGULATOR CONNECTION. TIGHTEN THE CONNECTION NUT WITH A SUITABLE WRENCH.**

- 3. Turn the regulator adjustment handle counterclockwise until it rotates freely.
- 4. Turn the red knob on the flowmeter clockwise to off.
- 5. Open the cylinder valve slowly to the full open position. The inlet pressure gauge should read between 800 to 1,000 psig.
- 6. Turn the regulator adjusting screw clockwise until the delivery pressure gauge reads 15 psig, i.e., the needle is between the two red lines.
- 7. Turn the red knob on the flowmeter counterclockwise until the small ball in the flow tube corresponds to the setting recommended. See Directions For Use.
- 8. When not in use, turn the gas supply off by closing the cylinder valve first and then closing the flowmeter valve using the red knob.

Gassing of the ripening or degreening room is accomplished by using the individual flowmeter piped to the room to be gassed and setting the recommended flow rate for that room.

**NOTE: WHEN CYLINDER PRESSURE GAUGE READS 400 POUNDS OR LESS (NEEDLE IN THE RED ZONE OF THE GAUGE) REPLACE CYLINDER WITH A NEW CYLINDER OF BANANA GAS 32.**

The flowmeter panel is so designed that when less than five (5) stations per panel are initially ordered, additional flowmeter stations may easily be added to meet future requirements; up to five (5) stations.

Mature Fruit	Cu. Ft. Per Hour	Room Size	Temp	RH	USE	Time of Exposure
Bananas	0.8	3000 cu. ft.	70°F	85-90%	To initiate de-greening and ripening	24 hours
Tomatoes	10	3000 cu. ft.	70°F	80-90%	To initiate de-greening (use only on mature fruit)	8 hours

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.  
 Pesticide Storage: Cylinders should be stored in a well ventilated area.  
 Pesticide Disposal: Return cylinder with residual product to supplier.  
 Container Handling: Do not reuse this container for any other purpose. Do not refill this cylinder return to supplier.

DO NOT REMOVE THIS LABEL

**D A N G E R**  
High Pressure, Nonflammable, Liquefied Gas  
**BANANA GAS 32**

EPA REG. No. 10330-12  
EPA EST. No. 10330-

Use of Banana Gas 32 for fruit ripening is covered by  
U.S. Patent 3,924,010

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SNP-2600 (06/07)

