

Do not use this product for any uses other than those specified on this label.

DISCLAIMER

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use.

Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc. American Cyanamid Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY. BUYER assumes the risk of any use contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable by American Cyanamid Company.

PRECAUTIONS FOR HANDLING CYANOGAS INDOORS

CYANOGAS is a colorless cyanide which liberates cyanide gas in the presence of moisture in the air.

UNDER NO CIRCUMSTANCES SHOULD DWELLING HOUSES OR GREENHOUSES OR OTHER ENCLOSURES BE FUMIGATED WITH CYANOGAS.

Make sure all human beings and domestic animals are removed from the premises during fumigation and thereafter until the premises are thoroughly ventilated. Fumigation regulations must be strictly followed. When fumigating, each operator should be equipped with a safety net mask (type approved for cyanide acid) protection.

START APPLICATION OF CYANOGAS AT POINT FARTHEST FROM EXIT. WORKING TOWARD EXIT. DO NOT RETRACE STEPS OVER FUMIGATED AREA. BECAUSE OF THE POSSIBLE DEVELOPMENT OF POCKETS HAVING HIGH CONCENTRATIONS OF HCN GAS WHICH MAY BE WITHIN THE FLAMMABLE RANGE OF HCN, CARE SHOULD BE TAKEN TO ELIMINATE ALL SOURCES OF IGNITION, INCLUDING FIRES, PILOT LIGHTS AND ELECTRICAL SPARKS, WHEN FUMIGATING ENCLOSED SPACES WITH CYANOGAS.

Use of Methyl Orange test papers aids in determining the presence or absence of HCN. These may be obtained from this company along with instructions on use.

FUMIGATING GREENHOUSES WITH CYANOGAS G-FUMIGANT

1. ALWAYS FUMIGATE AT NIGHT, an hour or more after sundown.
2. MEASURE HOUSE, CALCULATE CUBIC FOOTAGE AND MEASURE CYANOGAS ACCURATELY.
3. TEMPERATURE MUST BE 56° F. AND RISING OR HELD EVEN during first 3 hours.
4. SCATTER CYANOGAS EVENLY ON AT LEAST EVERY OTHER WALK—the more even distribution, the better the fumigation.
5. CRACK VENTS SLIGHTLY ABOUT MIDNIGHT to let out the gas. IF THE VENTS CANNOT BE OPENED, boost the heat an hour before dawn to help dissipate the gas.
6. SET UP A REGULAR PROGRAM OF FUMIGATION for your houses—once a week or at least every 10 days.
7. DON'T FUMIGATE IN DAYTIME OR DAYLIGHT NOR BELOW 56° F.
8. DON'T PERMIT TEMPERATURE TO FALL WHEN GAS IS IN THE HOUSE.
9. DON'T SCATTER CYANOGAS ON MUDDY WALKS OR IN POOLS OF WATER. NEVER DUMP CYANOGAS IN PILES.
10. DON'T FUMIGATE ON RAINY, FOGGY OR VERY WINDY NIGHTS
11. DON'T FUMIGATE WHEN PLANTS ARE WET.
12. DON'T FUMIGATE GREENHOUSE ATTACHED TO DWELLING, OR WHEN GREENHOUSE CONTAINS GOLDFISH, BIRDS OR OTHER PETS, NOR IMMEDIATELY AFTER MULCHING WITH COW MANURE. DON'T USE ALKALINE COPPER COMPOUNDS, such as home-made Bordeaux, as these react with CYANOGAS and cause burning of foliage.

MEASURING GREENHOUSES

To calculate the number of cubic feet in the house, multiply the length, by the width, by the average height.

Ornamentals:

For control of such pests as aphids, mites, thrips and whiteflies, the standard dosage for most plants is $\frac{1}{4}$ ounce per 1,000 cubic feet of greenhouse space. When house contains tender plants such as Sweet Peas, Jasminum, Artillery Plant, Marguerite, Wandering Jew and Snapdragon, use $\frac{1}{8}$ ounce. For initial fumigation start with low dosage ($\frac{1}{8}$ ounce). Increase gradually to proper amount the plants will stand. This will adjust for leakage factor. Houses with excessive leakage will require higher dosage.

Crops:

For control of whiteflies on cucumbers, lettuce, radishes and tomatoes, apply $\frac{1}{8}$ to $\frac{1}{4}$ ounce per 1,000 cubic feet of greenhouse space to walks or paper strips in tightly closed greenhouse in accordance with the operational procedures noted above. Expose plants to fumigation for 2 or more hours. At the end of the fumigation period, thoroughly ventilate the greenhouse and remove papers or wash (hose) down walks to remove residues remaining. Repeat fumigation as necessary. Do not expose crops to fumigation within 6 hours of harvest. Fumigate only at night. Severe damage to plants may result from exposure to fumigation in sunlight.

DO NOT APPLY CYANOGAS G-FUMIGANT TO EDIBLE CROPS OTHER THAN THOSE SPECIFIED ON THIS LABEL.

"BURNING OUT" THE GREENHOUSE

"Burning out" is done when house is entirely vacant of growing plants. Heavy dosage is used to kill insects before starting a new crop. Before fumigation, clean house thoroughly. Wait several days for build-up of humidity. Use dosage from 4 ounces to 2 pounds per 1,000 cubic feet, depending on insect problem. For ordinary greenhouse pests, 4 ounces should be sufficient. If red spider is present, the 2-pound rate will be needed.

In "burning out" greenhouses, precautions must be STRICTLY observed. Gas mask MUST be worn. Start at point farthest from exit, working toward exit door. Do not retrace steps. Close and lock house after fumigation. Post warning signs. Air house thoroughly after 24-hour fumigation.

EMPTY MUSHROOM HOUSE FUMIGATION

For controlling mushroom flies, mites, springtails and other mushroom insects in empty houses, follow these directions:

WHEN HOUSES ARE IN PEAK HEAT: — Heat top beds to nearly 140° F. and bottom beds to nearly 130° F. Apply CYANOGAS about 12 hours prior to cooling the house. Use 1 pound per 1,000 cubic feet of building space. Calculate area by taking length by width by average height. Scatter CYANOGAS evenly and thinly over entire length of each filling alley. Start at point farthest from exit, working toward exit door. Do not retrace steps.

It is best to start the fumigation in the evening, keeping the house under fumigation during the night. In the morning, the doors should be opened from the outside and the house allowed to air out for at least one hour, preferably longer, before entering.

RATS AND MICE — EMPTY GREENHOUSES AND MUSHROOM HOUSES

For control of such rodent pests as the brown rat, Norway rat, field mouse and the white footed deer mouse, follow these directions:

Close all openings in building as tightly as possible. Apply 8 ounces per 1,000 cubic feet of building space to walks or alleys in accordance with the precautions noted on this label. Gas mask must be worn. Start at point farthest from exit, working toward exit door. Do not retrace steps. Close and lock house after fumigation. Post warning signs. Keep building under fumigation for at least six hours. Air house thoroughly after fumigation before entering.

Do not use or store in and around the home. Perforate or crush container when empty. NEVER REUSE. Container must not be used in any connection with feed, food, or drinking water.

ACCEPTED
 MAR 14 1975
 Under the Federal Insecticide, Fungicide, and Plant Disease Act, as amended, for the pesticide registered under EPA Reg. No. 241-6



CYANOGAS[®]

CALCIUM CYANIDE
G-FUMIGANT



DANGER! KEEP OUT OF REACH OF CHILDREN

See Side Panel for Antidote and Other Warnings EPA Reg. No. 241-6-AA
PELIGRO! AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
 (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you)

CYANAMID

DANGER! LIBERATES POISONOUS GAS (Hydrocyanic Acid) POISONOUS IF SWALLOWED

Do not breathe gas or dust. Do not take internally. Do not get in eyes or on skin. Wash hands thoroughly after handling. Keep away from acids. Keep container tightly closed and store in a dry place.



POISON



In case of an emergency endangering life or property involving this product, call your local health department day or night, Area Code 201-835-3100.

ANTIDOTE AND FIRST AID

START TREATMENT IMMEDIATELY • CALL A PHYSICIAN IMMEDIATELY • MOVE PATIENT TO FRESH AIR • HAVE HIM LIE DOWN • REMOVE CONTAMINATED CLOTHING BUT KEEP PATIENT WARM.
 IF INHALED: Break an amyl nitrite pearl in a cloth and hold lightly under nose for 15 seconds. Repeat 5 times at about 15-second intervals. Use artificial respiration if breathing has stopped.
 IF SWALLOWED: Break an amyl nitrite pearl in a cloth and hold lightly under tongue for 15 seconds. If patient is conscious or when consciousness returns, give 1 teaspoonful of salt to each glass of warm water) and repeat until vomit is clear. Repeat inhalation of amyl nitrite 5 times at about 15-second intervals. Use artificial respiration if breathing has stopped.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON

This product is toxic to wildlife. Do not contaminate water by cleaning equipment, or disposal of wastes. Apply this product only at specified rates on this label.

CLASSIFIED BY UNDERWRITERS' LABORATORIES, INC. AS TO FIRE HAZARD: FLAMMABLE ONLY. CYANOGAS G-FUMIGANT: NOT COMBUSTIBLE ITSELF. BUT COMBUSTIBLE WITH MOISTURE OR ACIDS RELEASES FLAMMABLE AND TOXIC HYDROCYANIC ACID GAS. SEE UL CLASSIFIED PRODUCTS INDEX. CONTROL NO. 241-6-AA

**AMERICAN CYANAMID COMPANY
 AGRICULTURAL DIVISION
 PRINCETON, N. J. 08540**

● Reg. Trademark

EPA EST. No. 241-NJ-2

Made and Printed in U.S.A.

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ACC...
EPA Reg. No. 241-6 AA

CYANOGAS[®]

CALCIUM CYANIDE
G-FUMIGANT

KEEP OUT OF REACH OF CHILDREN

See Side Panel for Antidote and Other Warnings EPA Reg. No. 241-6 AA

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(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you)

Active Ingredients
Calcium Cyanide
Inert Ingredients

USE IN GREENHOUSES AND TUNNELS

Net Weight: 5 Lbs.

24781-01

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Do not breathe gas or dust. Do not take internally. Do not get in eyes or on skin. Wash hands thoroughly after handling. Keep away from acids. Keep container tightly closed and store in a dry place.

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AMERICAN CYANAMID COMPANY
AGRICULTURAL DIVISION
PRINCETON, N. J. 08540

EPA EST. NO. 241-NJ-2