

**Directions for Use**

1. Remove all animal life from area to be fumigated.
2. Clean room. Wash or wet ceilings, walls and floors. Formaldehyde gas is most effective when humidity of 60% and temperature of 60° F. or higher can be maintained.
3. Calculate number of cubic feet to be fumigated (length x width x height).
4. Set up FORMALDEGEN GENERATOR - with heat turned off. Place required amount of FORMALDEGEN into Generator. Turn on heat to over 425° F. Leave room at once. Keep all openings closed to make room as airtight as possible. Each pound of FORMALDEGEN will fumigate 5,000 cu. ft. of space at standard fumigation level.
5. Keep room closed several hours until fumigation process is complete; then ventilate room by opening windows, doors and turning on exhaust fans.
6. For potato storage fumigation, ¼ lb. of FORMALDEGEN should be used for each 1000 cubic feet of storage space to equal present recommendations of various agricultural colleges. This gives a very high level of fumigation to prevent various rot and mold diseases known to affect potatoes in storage.  
**CAUTION: Do not use FORMALDEGEN when potatoes are in the storage house. Use FORMALDEGEN at least 24 to 48 hours prior to storage, and air out storage area well before introducing potatoes.**
7. Poultry and livestock may be placed in fumigated rooms after complete ventilation has been effected.
8. Incubator and Hatcher Fumigation: Follow same directions as above. Use small generator. Use quantities of FORMALDEGEN recommended by incubator manufacturers or U.S.D.A. in N.P.I.P. recommendations. Ten grams (10 Gm.) of FORMALDEGEN are equal to 40 cc. of Liquid Formaldehyde (37% solution).
9. Empty Chick Boxes, Crates, Breeding, Growing and Vaccinating Equipment: Clean thoroughly and place items to be fumigated in a well-closed room or compartment to form a fumigating chamber. Metallic and wooden items can be fumigated while damp. Do not pack tightly, allow room for formaldehyde gas to circulate freely. Use 1 pound of Formaldegen for every 5000 cu. ft. of fumigating chamber.
10. One level tablespoonful will hold 10 Gm. of FORMALDEGEN.

**DANGER**

FORMALDEGEN, if used on exposed electric coils or in the presence of an open flame is inflammable. Care should be taken at all times to prevent this from happening. Avoid storage near food or food products. Do not use on animals. Do not use when empty. Avoid contact with eyes. If in eyes, flush with water.



**HARMFUL OR FATAL IF SWALLOWED**

**If FORMALDEGEN GAS is inhaled**

Remove person to fresh air immediately. Administer artificial respiration if necessary. Do not give anything by mouth until advised by a physician. Wash exposed parts of skin with soap and water. If clothing is soiled, remove and wash separately. Seek medical attention.

**If FORMALDEGEN is taken internally**

Give person plenty of water to drink. Do not induce vomiting. Seek medical attention immediately.

**NOTICE**

Fumigation processes for control of animal diseases utilizing the contents of this package are covered by patent No. 2,993,832. The price of this package includes a prepaid royalty at the rate of one (1¢) cent for each thirty (30) cu. ft. fumigated by the purchaser in accordance with the patented process. Anyone may obtain a non-exclusive license from Vineland Laboratories, Inc. at the same rate of royalty regardless of the source of the material used in carrying out the process.

55-273203

EPA Reg. No. 6035-43



# FORMALDEGEN®

U.S. Patent No. 2,993,832

**FORMALDEGEN contains formaldehyde gas in a powdered form; for fumigation where sanitation is important. Formaldehyde gas is liberated from FORMALDEGEN with the application of heat. Use any electric hot plate that has no exposed electric coils and whose heat can be regulated to 425° F. Vineland heat generators are available for use with either large or small quantities of FORMALDEGEN. In large areas use more than one generator, set 100 feet apart.**

**Use FORMALDEGEN to fumigate:**

**Chicken and Turkey Houses; Livestock Barns; Airplane and Boat Interiors; Hatching Eggs, Incubators, Hatchers; Vegetable Storage Houses; Livestock Hauling Trucks; and Empty Chick Boxes, Crates, Brooding, Growing and Vaccinating Equipment.**

ACCEPTED  
4-25-72  
6035-43  
UNDER THE FEDERAL INSECTICIDE ACT  
EPA REG. NO. 6035-43  
EPA UNDER NO.

Active Ingredients	
PARAFORMALDEHYDE.....	91%
Inert Ingredients.....	9%
<b>Total</b>	<b>100%</b>

**DANGER: Keep Out of Reach of Children**

See antidote statement and other required warning statements on the left panel.

**Net Weight (avdp): 50 POUNDS**

SOLD BY

**VINELAND LABORATORIES INC.**  
VINELAND, N. J. 08360, U.S.A.



4-25-72

6035-43

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Use FORMALDEGEN to fumigate:

Chicken and Turkey Houses

Livestock Barns

Airplane and Boat Interiors

Empty Chick Boxes, Crates, Brooding, Growing and Vaccinating Equipment

Hatching Eggs, Incubators, Hatchers

Vegetable Storage Houses

Livestock Hauling Trucks

Active Ingredients

PARAFORMALDEHYDE.....91%

Inert Ingredients.....9%

Total 100%

**DANGER: Keep Out of Reach of Children**



## POISON



See antidote statement and other required warning statements on the back panel.

**Net Weight (avdp): 5 POUNDS (2.27 Kg.)**

SOLE BY



**VINELAND LABORATORIES, INC.**

A SUBSIDIARY OF DAMON

2285 EAST LANDIS AVE., VINELAND, NEW JERSEY 08360

ACCEPTED  
4-25-72  
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### Directions for Use

1. Remove all animal life from area to be fumigated.
2. Clean room. Wash or wet ceilings, walls and floors. Formaldehyde gas is most effective when humidity is 60% and temperature or 60° F. or higher can be maintained.
3. Calculate number of cubic feet to be fumigated (length x width x height).
4. Set up FORMALDEGEN GENERATOR - with heat turned off. Place required amount of FORMALDEGEN into Generator. Turn on heat to over 425° F. Leave room in place. Keep all openings closed to make room as airtight as possible. Each pound of FORMALDEGEN will fumigate 5,000 cu. ft. of space at standard fumigation level.
5. Keep room closed several hours until fumigation process is complete, then ventilate room by opening windows, doors and turning on exhaust fans.
6. For potato storage fumigation, 1/2 lb. of FORMALDEGEN should be used for each 1000 cubic feet of storage space to equal present recommendations of various agricultural colleges. This gives a very high level of fumigation to prevent various rot and mold diseases known to affect potatoes in storage.  
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8. Incubator and Hatcher Fumigation: Follow same directions as above. Use small generator. Use quantities of FORMALDEGEN recommended by incubator manufacturers or U.S.D.A. in N.P.I.P. recommendations. Ten grams (10 Gm.) of FORMALDEGEN are equal to 40 cc. of Liquid Formaldehyde (37% solution).
9. Empty Chick Boxes, Crates, Breeding, Growing and Vaccinating Equipment: Clean thoroughly and place items to be fumigated in a well-closed room or compartment to form a fumigating chamber. Metallic and wooden items can be fumigated while damp. Do not pack tightly, allow room for formaldehyde gas to circulate freely. Use 1 pound of Formaldegen for every 5000 cu. ft. of fumigating chamber.
10. One level tablespoon will hold 15 Gm. of FORMALDEGEN.

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**DANGER**

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**FORMALDEGEN**, if used on exposed electric coils or in the presence of an open flame, is inflammable. Care should be taken at all times to prevent this from happening. Avoid storage near food or feed products. Do not reuse containers. Destroy when empty. Areas covered by spillage should be flushed with water.



**POISON**

**HARMFUL OR FATAL IF SWALLOWED**

**If FORMALDEHYDE GAS is Inhaled**

Remove patient to fresh air immediately. At first sign of difficulty in breathing, start artificial respiration; oxygen should be administered only by trained personnel. Continue artificial respiration until advised by physician to stop.

Causes irritation of skin, eyes, nose and throat. Do not breathe vapor. Avoid contact with skin, eyes, or clothing. In case of contact, flush with plenty of water; for eyes, get medical attention.

**If FORMALDEGEN is Taken Internally**

Give a tablespoonful of salt in a glass of warm water and repeat until vomit fluid is clear. Give milk or white of egg beaten with water. Call a physician immediately.

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