

**INGREDIENTS ARE NON-CAUSTIC  
AND ARE GENERALLY  
RECOGNIZED AS SAFE.**

**CAUTION:**

Keep away from children. Store in tightly closed container. May cause allergic response or respiratory, eye or skin irritation.

**PRE-CAUTIONARY FIRST AID:**

**Inhalation:** Inhalation may cause nose and throat irritation. Remove person to fresh air.

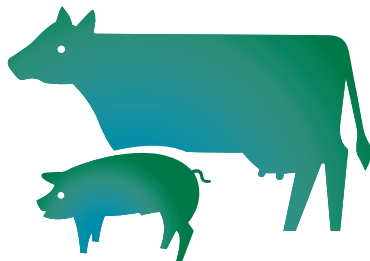
**Ingestion:** May cause stomach upset. Call a physician immediately. Drink large quantities of water.

**Skin Contact:** May cause mild skin irritation. Remove contaminated clothing. Wash skin with soap and water. Launder clothing before reuse.

**Eye contact:** May cause eye irritation due to dust. Immediately flush eyes with water for 20 minutes, while retracting eyelids. Seek medical help.

# MicroPuran®

## For Livestock



*A blend of bacteria  
and enzymes to reduce solids,  
crusting and ammonia in  
livestock manure.*

Net. Weight 0.454 kg (1 lb)

Lot \_\_\_\_\_

### DIRECTIONS FOR USE

**SITE PREPARATION:**

1. Wash facilities following the removal of all livestock OR Agitate manure in pit until water is on the surface of the manure OR Add water to the manure pit until water remains on top of the manure
2. Allow 72 hours after above procedure if disinfectant was added to pit before proceeding

**MIXING MICROPURAN:**

1. Use clean 5 gallon pail or garden spray bottle. DO NOT use pail or bottle that contained herbicide, insecticide or other toxic materials.
2. Pour 1 lb (1 bottle) of MicroPuran in pail or sprayer. One bottle will treat manure produced by 1,000 to 1,400 head of pigs (1 room) OR (ENTER INFORMATION FOR CATTLE)
3. Add 4 to 5 gallons of warm (room temperature), non-chlorinated water to the pail or garden sprayer containing MicroPuran.
4. Stir or shake container until the powder is dissolved in water.
5. Proceed to application within 24 hours of mixing MicroPuran with water

**APPLICATION OF MICROPURAN:**

1. Pour or spray MicroPuran solution in manure pit at 10 to 12 locations throughout the room. Apply approximately 0.5 to 1 pint of solution per location. Do NOT pour on top of slats.
2. Do not pour or spray MicroPuran on top of crusted/dry manure. If crusted or dry manure is present prepare site as described above or apply MicroPuran under crust.
3. Apply greater amounts of MicroPuran solution to areas where solids and crusts will form. An example of these areas include below feeders and along walls or fans.

**REAPPLICATION:**

1. Repeat above mixing and application procedures every 30 days for 4 consecutive months from April to August. Repeat above procedures every 90 days from September to March.

A product of:

Vytol™  
BioSystems, Inc.

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