

ActoCLEANSE™

EcoFriendly General Purpose Industrial Cleaner



For Use on Poultry Farms

- **Reduces Caking of Litter**
- **Forms a Biological Barrier**
- **Controls Ammonia & Other Odors**
- **Reduces Shavings & Bedding Costs**

An Innovation By:



ARCTECH

Preserving Tomorrow's World...Today

Why Use **ActoCLEANSE™**?

Livestock production farms today are facing a major challenge in maintaining the robust health & welfare of poultry, hogs, & cattle raised in confined spaces. Antibiotics are no longer providing the desired controls & impose increasing costs due to repeated medication requirements.

Industry experts recognize that livestock health & welfare directly depends upon the release of excessive odor & ammonia resulting from the breakdown of the buildup of uric acid & organic nitrogen from animal excreta along with pathogens contained within the litter bed.

ActoCLEANSE™ is a natural organic derivative which has been proven to effectively address both of these issues by eliminating the root causes in a single-step application unlike many poultry amendment products which are limited to providing only ammonia control.

It is a One-Step Solution for:

- Cost Effective Litter Odor Control
- Extended Ammonia Control
- Microbial Pathogens Reduction & Control



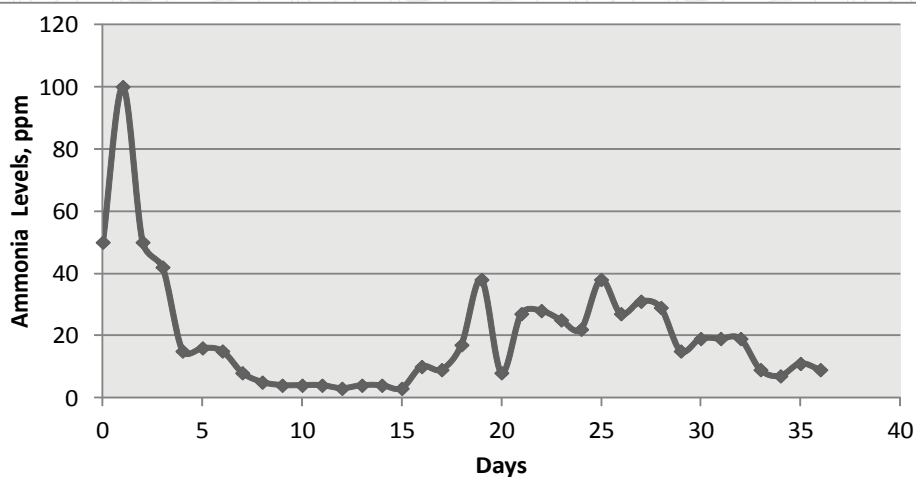
For Chicken & Turkey Farms

ActoCLEANSE™ is Formulated with Natural Organic Derivatives

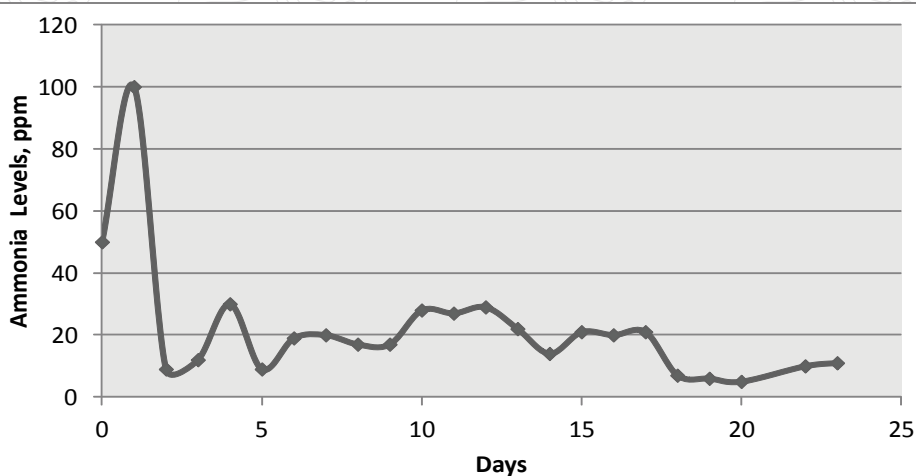
Ammonia Causes Damage In Confined Animal Production Systems:

25 ppm & Up: Impaired Tracheal Cilia Functions
50 ppm & Up: Erosion of Tracheal Lining & Eye Damage
75 ppm & Up: Increased Susceptibility to Viral Diseases
100 ppm & Up: Functional Damage to the Respiratory System; Increased Bacterial Infections Leading to Airsacculitis; Higher Mortality & Morbidity; Condemnations Highlighted by Poor Economical Performance & Lower Financial Returns

Ammonia Levels in a Natural Ventilated Barn* after ActoCLEANSE™ Treatment:



Ammonia Levels in a Tunnel Ventilated Barn* after ActoCLEANSE™ Treatment:



*** Turkey Grow Out Barns With Built Up Litter
At a United States Mid Western Location
During the Severe Winter in March 2014**

DIRECTIONS FOR USE:

Apply soon after de-caking & before dressing top barn bedding with new or recycled brooder litter.

Apply at a rate of one to one & a half gallon per 1000 square feet floor space. **ActoCLEANSE™** is to be diluted to 1:10.

For example, 20,000 square feet of barn or litter space will require, 20 to 30 gallons of **ActoCLEANSE™**, diluted with 200 to 300 gallons of water. This must be done as uniformly as possible; both for dirt floor in case of clean-out or built up litter after conditioning & before addition or topping with brooder barn litter or topping with new litter addition.

Apply uniformly using liquid sprayer system (low pressure).

Seal the barn for 24 hours after application.

Air out and prepare to move birds in.

CAUTION:

When using sprayer, remove nozzle screen & preferably use largest nozzle diameter to ensure clog free flow.

WARNING:

Avoid contact with skin & eyes. In case of contact, flush with plenty of water. Keep out of reach of children. Please use rain suit, gloves, eye protection, breathing masks, & protective boots.

Product Handling & Application



ActoCLEANSE™

EcoFriendly General Purpose Industrial Cleaner

ActoCLEANSE™ is a natural organic industrial cleaner specially formulated to meet the current demands for environmentally friendly products for use in livestock production systems at a lower cost than higher priced chemical-based litter amendments.

ActoCLEANSE™ also enriches composted poultry litter with organic matter for agriculture application which results in increased yields and a higher production value.

For Further Information & Technical Guidance
Please Contact:

Dr. Daman S.Walia

dwalia@arctech.com

571 338-5005

Manufactured By:

ARCTECH, Inc.

P.O.Box 382

Centerville, Virginia

20122

(703) 222-0280

www.arctech.com