



BIO[®]

**FOR SWINE HEALTH
ABOVE *AND* BELOW
THE SLATS!**

Biosecurity:
Kills pathogens,
inactivates viruses

**Reduces
safety & handling
concerns**

Manure management

Nutrient management & soil health

**XTREME
BIO**

**BROAD SPECTRUM
ANTIMICROBIAL
MULTI-SURFACE CLEANER
CONCENTRATED**

USE ONLY AS DIRECTED

- To treat on clean surfaces, mix a solution of 1/2 ounce of XTREME BIO per gallon of water. Allow to air dry.
- To clean and treat in the presence of organic matter, use a solution of 2 cups of XTREME BIO per gallon of water. Allow to air dry.

CAUTION
KEEP OUT OF REACH OF CHILDREN

PATENTED TECHNOLOGY THAT INACTIVATES PATHOGENS AT THE SOURCE

When used as directed, Xtreme Bio's patented formula that has been shown to neutralize viruses and bacteria in the presence of organic matter. Unlike other cleaners and treatments, Xtreme Bio contains NO glutaraldehyde or quaternary amines, and is made entirely from FDA recognized "GRAS" ingredients (Generally Recognized As Safe).

- Neutralizes viruses and bacteria
- Neutralizes and removes odors
- Kills and controls microorganisms infectious to animals
- Kills bacteria that cross feeding in coating tumors

Effectively kills skin-sloughing bacteria on food contact surfaces and non-food-contact surfaces.

- Provides inactivation of PEDv, PRSVs, and PCV-2
- Effectively controls the growth of algae

ACTIVE INGREDIENTS — 0.01%:
D-Gluic Acid 0.005%
Lemon Grass Extract 0.005%

OTHER INGREDIENTS — 99.99%:
Purified Water; Commercial Isopropyl Alcohol; Citric Acid; Sodium Hydroxide; Sodium Bicarbonate; Sodium Acetate; Tetrasodium EDTA; Perfume

HAZARD RATINGS	
HEALTH HAZARD	ENVIRONMENTAL HAZARD
FLAMMABILITY	ACUTE TOXICITY
REACTIVITY	SAFETY CLASS
ECOTOXICITY	

EPA Exemplary Product: This product is listed EPA # 338 (Registration under material 100) as acceptable under material 100 section 2(b)(5). For more information visit: www.epa.gov/fedregister/publications

NET CONTENTS: 1 US GAL 3.8 US GAL 12.5 US GAL 125 US GAL 500 GAL

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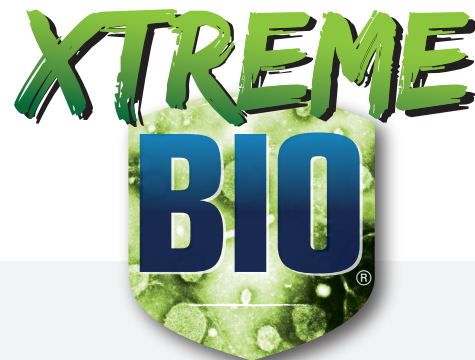
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MADE IN THE USA!



Xtreme-Bio.com

FOR SWINE HEALTH ABOVE AND BELOW THE SLATS!



ABOVE THE SLATS

» Biosecurity

Xtreme Bio has been proven to effectively kill pathogens, fungus, and inactivate common viruses in the swine industry including but not limited to PRRSv, PEDv, ASFv.

» Reduce Labor

Xtreme Bio applied through an overhead soaker SOP reduces clean-out time.

» Safety and Handling Concerns

Xtreme Bio's green chemistry is a safe, effective pathogenic control product when handling and applying during barn washouts.

BELOW THE SLATS

» Manure Management

Xtreme Bio synergistically works with the anaerobic bio-process in the manure pit to reduce bottom sludge/crusting issues.

» Animal Welfare/Safety Issues

Xtreme Bio helps mitigate noxious gases like NH₃ (Ammonia), H₂S (Hydrogen Sulfide) and CH₄ (Methane).

» Nutrient Management/Soil Health

Xtreme Bio works with beneficial biology in the pit for nutrient retention in the manure used for soil/crop applications.

BENEFITS

- ✓ Reduced Manure-related Issues and Concerns
- ✓ Support Biological Processes
- ✓ Support Animal Welfare Concerns
- ✓ Manage Pit Foam and Safety Concerns
- ✓ Support Manure Pump-out Issues
- ✓ Improve/ Stabilize Manure Nutrients

Xtreme Bio® — Antimicrobial Multi-Surface Cleaner (Concentrate)

Xtreme Bio® is a highly concentrated broad spectrum antimicrobial that has been tested and proven to kill bacteria and fungus, and inactivates PEDv, PRRSv, ASFv, PCV-2, SE, and AI.

Backed by studies from top veterinary universities in the US, Xtreme Bio is a natural choice of producers and veterinarians who manage both large and small animal populations.



PACKAGING:

Available in 4x1 gallon cases, 5 gallon pails, 55 gallon drums and 275 gallon totes.



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CREATING A SHIELD OF BIOSECURITY.™

TECHNICAL DATA SHEET

Xtreme Bio® - Antimicrobial Multi-Surface Cleaner (Concentrate)

Xtreme Bio® is a highly concentrated broad spectrum antimicrobial that has been tested and proven to kill bacteria and fungus. It has also been proven to inactivate viruses including coronaviruses. When used as directed, Xtreme Bio is effective on all surfaces, including vehicle interiors and porous materials. Xtreme Bio inactivates and eliminates viruses and known pathogens like PEDv, PRRSv, ASFv, PCV-2, SE, and AI. Unlike traditional disinfecting technologies – which are extremely corrosive to transportation equipment and facility assets – Xtreme Bio will not corrode vehicles or material used in CAFOs and other commercial/industrial facilities. Xtreme Bio is made with FDA recognized GRAS (Generally Recognized as Safe) ingredients. Xtreme Bio is non-toxic and non-mutagenic. Xtreme Bio contains no alcohols, iodine, chlorine bleach, ammonia, hydrogen peroxide, methanol, quaternary amines or glutaraldehyde. It is non-carcinogenic, non-pathogenic and does not contain any substances considered dangerous to use. Xtreme Bio is a natural choice of top veterinarians who manage both small and large animal populations. Xtreme Bio is backed by years of studies from top veterinary universities in the US. Xtreme Bio is also supported through independent research lab testing and live field studies.

FEATURES AND BENEFITS:

- This product is exempt from EPA registration under the minimal risks pesticides exemption FIFRA section 25(b)
- Xtreme Bio is formulated with all natural ingredients and considered GRAS
- University and independent lab studies demonstrate that Xtreme Bio inactivates specific viruses like: PEDv, PRRSv, ASFv, PCV-2, SE, and AI
- Xtreme Bio effectively replaces quats, peroxides, lime and chlorine
- Reduces exposure in vehicles, trailers and critical biosecurity control points
- Complete degradation resulting in the elimination of odors
- Effectively kills odor causing bacteria on food contact surfaces & non-food contact surfaces
- Kills bacteria that cause spoilage, deterioration, or fouling materials on a variety of surfaces
- Kills odor causing bacteria
- Effectively controls the growth of algae
- Neutralizes and removes odors
- Kills and controls micro-organisms infectious to animals
- Neutralizes viruses and bacteria
- Excellent foaming properties for washout facilities and non-fuming
- Has been shown to treat in the presence of minimal amounts of organic matter
- Has been shown to remain active at temperatures below freezing in studies
- Proudly made in the USA!

TYPICAL PHYSICAL PROPERTIES

Appearance and Color	Clear to colorless liquid
Initial Freeze Point.....	32°F (0°C)
Odor	Mild detergent odor
Solubility in Water	100%
Melting Point	N/A
Flashpoint.....	N/A
Specific Gravity.....	1.00± .04

DIRECTIONS FOR USE

POROUS AND NON POROUS SURFACES:

A solution of 2 ounces of Xtreme Bio per gallon of water may be used as a disinfectant/detergent when cleaning surfaces. To treat clean surfaces, use 1/2 ounce of Xtreme Bio per gallon of water. Apply with mop, brush, spraying or foaming equipment. Allow to air dry on surface.

LIVESTOCK FACILITIES & EQUIPMENT:

Remove manure, soil, dirt, bedding, feed and watering equipment. Thoroughly scrape surfaces, equipment and tools to reduce organic material to minimal amounts. Pressure wash all surfaces clean. A solution of 2 ounces of Xtreme Bio per gallon of water may be used as a disinfectant/detergent when cleaning surfaces. To treat clean surfaces, use a solution of 1/2 ounce of Xtreme Bio per gallon of water on a clean surface. Apply with mop, brush, spraying or foaming equipment. Allow to air dry on surface.

For use in temperatures below freezing propylene glycol may be added.

STORAGE AND HANDLING:

Rinse empty container with water and discard as per federal, state and local guidelines. Suggested shelf life of Xtreme Bio is 2 years. Xtreme Bio test strips can be requested from your supplier to verify product activity.

PACKAGING:

Xtreme Bio is packaged in 4x1 gallon cases, 5 gallon pails, 55 gallon drums and 275 gallon totes.



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