

# Xtreme

## Technical Data Sheet

### Xtreme– Footbath Concentrate

Xtreme-Footbath Concentrate is a highly concentrated hoof care solution for regular cleaning and hoof strengthening in large animal operations. It can be used in footbaths with varying types of water and a wide range of temperatures. Xtreme - Footbath Concentrate will safely replace toxic and corrosive chemistries which are commonly used today. Xtreme-Footbath Concentrate is extremely versatile for additional applications including algae control, odor abatement, the destruction of odor causing bacteria on both food contact and non-food contact surfaces, the removal of mold and mildew from surfaces like decks and patios, and the elimination of micro-organisms which have been proven infectious to animals. It effectively and safely replaces the use of dangerous compounds like glutaraldehyde's, formaldehydes and quaternary amines.

Xtreme-Footbath Concentrate ships non-hazardous, non-corrosive and is non-regulated as per the US DOT. The ingredients in Xtreme are listed under the EPA's Designated for Environment safer ingredient data base. Xtreme is EXEMPT from FIFRA registration as per 40 CFR 152.25(f). This exempt status offers its users a unique and major competitive advantage to commonly registered products.

#### FEATURES AND BENEFITS:

- Effectively replaces glutaraldehyde's, formaldehydes and quats
- Immediately active in the treatment of footbaths
- Kills micro-organisms infectious to animals
- Shelf life of 24 months
- Highly concentrated formula and easily dilutes into footbath
- Complete degradation resulting in the elimination of odors
- Effectively kills odor causing bacteria on food contact surfaces
- Effectively kills odor causing bacteria on non-food contact surfaces
- Kills odor causing bacteria
- Effectively controls the growth of algae
- Neutralizes and removes odors

#### 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	.98 ± .04

#### SUGGESTIONS TO INSURE AN EFFECTIVE PROGRAM:

- Rinse and brush the cow's hooves during milking to remove excess debris
- Keep the footbath solution clean and well maintained. Do not use the footbath solution longer than the specific design parameters of your treatment program
- Locate footbath system at the exit of the milking parlour
- Avoid exposure to the rain or outside elements
- If possible, use a pre-rinse footbath with fresh water prior to entering the primary hoof bath system to remove excess manure and dirt
- Consult with your HEG representative for system and dosing design
- Do not use product full strength

#### STORAGE AND HANDLING:

- Rinse empty container with water and discard as per federal, state and local guidelines.

#### PACKAGING:

- Xtreme-Footbath Concentrate is packaged in 5 gallon to 275 gallon containers. Bulk quantities are available upon request.



*Recommendations given in this data sheet are based on tests believed to be reliable. However, the use of the information is beyond the control of Heartland Energy Group, Ltd. and no guarantee, expressed or implied is made to the results obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage from the misuse of the product as such, or in combination with other materials. This bulletin is not to be taken as a license to operate under or recommendation to infringe any patent.*

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