

# Xtreme™ Treatment Compound

Blue-Green Algae

## Technical Data Sheet

### Xtreme™ -Treatment Compound

Xtreme™ -Treatment Compound is a highly concentrated compound that will safely replace toxic and corrosive chemistries which are commonly used today. Xtreme™ -Treatment Compound is extremely versatile for multiple water treatment 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. Additionally, Xtreme™ is instantly reactive giving it a huge advantage over traditional products that require logarithmic growth.

Xtreme™ -Treatment Compound ships non-hazardous, non-corrosive and is non-regulated as per the US DOT. The ingredients in Xtreme™ are listed under the EPA's Designed 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 glutaraldehydes, formaldehydes and quats
- Immediately active in the treatment of recycled water, frac tanks, impoundments and lagoons
- Significantly reduces BOD, COD, and TSS levels
- 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 bacteria that cause spoilage, deterioration, or fouling materials on a variety of surfaces, textiles and paper products
- Kills odor causing bacteria
- Effectively controls the growth of algae
- Neutralizes and removes odors
- Removes mold stains from surfaces such as patios, decks and most other structures
- Kills micro-organisms infectious to animals

#### 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

#### DIRECTIONS FOR USE:

Consult a Heartland Energy Group, Ltd. representative for application recommendations.

It is always recommended to performance test the compatibility of all fluid systems prior to use.

Jar testing is always recommended.

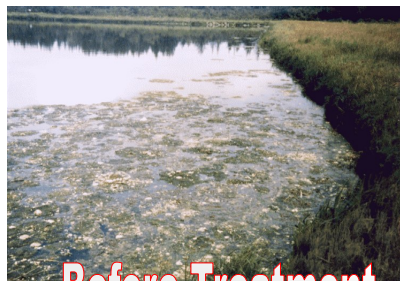
Xtreme™ -Treatment Compound is compatible with other Heartland Energy Group, Ltd. chemistries.

#### STORAGE AND HANDLING:

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

#### PACKAGING:

Xtreme™ -Treatment Compound is packaged in 5 gallon to 275 gallon containers. Bulk quantities are available upon request.



Before Treatment



Post Treatment

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.