Phosphate Xtreme

AQUATIC PHOSPHATE AND ALGEA TREATMENT

**This product is exempt from EPA registration under minimal risks pesticides exemption FIFRA section 25(b)**

* Live Vegetative Microbes (1.1 trillion CFU per gallon)

# Instantly Reactive

* Resistant to Heat, Chlorine

 and sanitizer’s

* Degrades Hydrocarbons
* Removes Algae
* Removes Phosphates
* Non-Emulsifying
* Made in USA



Phosphate Xtreme is a colorless broad-spectrum disinfectant and detergent. Proven to kill phosphates, bacteria and micro-organisms and all types Algae. Phosphate Xtreme performs outstandingly in pools, spas, water features and ponds. With A triple zero hazmat rating Phosphate Xtreme is the safest of its kind.

Phosphate Xtreme provides 1.1 trillion colony forming units of vegetative microbes per gallon. What makes our microbes even more unique is our exclusive bound microbe technology. Algae/Phosphate Xtreme microbes are enclosed in a sheath to protect them from chlorine, sanitizer and heat, which easily kill unbound microbes. Phosphate Xtreme is FIFRA exempt as per 40 CFR 152.25 (f) and labeled to kill bacteria destroy algae and phosphates.

In addition to our sheathing technology, we have for the first time stabilized live vegetative microbes in a liquid form. The result is a solution that quickly degrades petroleum hydrocarbons, phosphates growth, oils, greases, waste solids and other organic compounds with an easy to apply and versatile treatment. Because Phosphate Xtreme is instantly reactive, it can be used in any cleaning environment where cleaning and odor control is desired.

Phosphate Xtreme works in any temperature and because it contains just the right Chem Safe USA Chemical and is capable of removing algae and phosphates without closing a pool. Phosphate Xtreme will not cloud the pool water like other phosphate products. Because Phosphate Xtreme has triple zero hazmat rating it’s safe to use during bather loads.

The formula and its ingredients meet or exceed the EPA’s Safer Choice program requirements for both the safety of the environment and the user. Phosphate Xtreme is manufactured in a Green Circle certified facility.

For technical support call (951)963-5647- (760)828-6169 Chemsafeusa.com

## Technical Data

BIODEGRADABLE: Yes/100%

FORM: Liquid

ODOR: Mild Soapy Odor CO LD STABILITY: 30**°** F

DETERGENCY: Excellent PHOSPHATES: None

WETTING ABILITY: Excellent

FLAMMABILITY: Non-Flammable BOILING POINT: 214° F SOLUBILITY IN WATER: 100%

VOCs: None

VOLATILE BYVOLUME: N/A CARCINOGENS: None SHELF LIFE: 1 Year

## Dilution Specification

Please refer to the product label.

## FIFRA Exempt

This product is exempt from EPA registration under minimal risks pesticides exemption FIFRA section 25(b)

Phosphate Xtreme kills odor-causing bacteria and all types of algae and phosphates pool and spa water or any type of aquatic center.

Posphate Xtreme kills phosphates and bacteria that cause spoilage, deterioration, or fouling of materials on a variety of surfaces, pools, spas, decks, water features and more.

Phosphate Xtreme kills odor-causing bacteria.

Phosphate Xtreme effectively controls the growth of phosphates in water.Phosphate Xtreme neutralizes and removes odors.

Phosphate Xtreme removes mold stains from surfaces such as patios, decks and most other structures.

Kills and controls micro-organisms infectious to animals.

Phosphate Xtreme is Exempt from FIFRA Registration.

Phosphate Xtreme is registered for sale in the State of Florida with the Florida Department of Agriculture and Consumer Services Bureau of Pesticides, Pesticide Registration Section.

## DOT STATEMENT

Non-D.O.T. Regulated/Non-D.O.T. Hazardous

EXEMPT as per 49 CFR 173.154(d) (1) <6.25 mmpy

D. O. T. classifies a material to be corrosive and hazardous if it has a corrosion rate that exceeds 6.25 mmpy on SAE C1020 carbon steel or 7075- Y6 Aluminum.

## Toxicity Studies

Toxicity Limits: Test Procedure OECD 202, 48 hr. LC 50 and LD 50 (rat oral: NON-TOXIC

Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals: NON-MUTAGENIC

Dermal Irritation & Corrosion

A modified Draize method was used as described in OECD Guidelines for the Te sting of Chemicals Sec. 404 and complies with the requirements of OECD Principles of GLP, Annex revised as of July 1992.

ACX is classified as a "Non-Skin Irritant". Biodegradation & Aquatic Safety

Test Procedure: Hach Reactor Digestion method for Waste Water

and Sea Water. Hach Reactor Digestion Method is a semi-micro adaptation of the Standard Methods.

ACX is 100% Biodegradable.

## Classifications & Approvals

Exempt from EPA registration under minimal risks pesticides exemption FIFRA section 25(b)

D.O.T., IMO, IATA , IMDG - Non-Regulated

TDG - Non-Regulated to and through Canada

SARA 313 311/312 - This product does not contain any ingredients that are subject to the reporting requirements.

California Prop 65 - This product does not contain any ingredients known to the state of California to cause cancer, birth defects or any other reproductive harm.

FDA - Approved as Safe (GRAS) USDA Authorization

A1, A2, A3, A4, A8, C3

Additional Studies & Results: When tested, Phosphate Xtreme showed no potential for the generation of Carbon Dioxide under NIOSH 7903 OSHA & ACGIH testing protocols governing workplace environments.