

Xtreme

DISINFECTANT AND DETERGENT

- 1.1 Trillion CFU per gallon
- Live Vegetative Microbes
- Instantly Reactive
- Resistant to Heat, Chlorine, and Sanitizer
- Degrades Hydrocarbons
- Cuts Animal Fats
- Cuts Vegetable Fats
- Non-Emulsifying

Xtreme is a colorless, odorless broad spectrum disinfectant and detergent. Tested and proven to knock down bacteria, fungus & viruses, Xtreme can be used on porous and non-porous hard surfaces in food processing facilities and equipment, homes, hotels, restaurants, schools, day care facilities, offices, kennels, exercise facilities, beauty shops, buses and other public transportation vehicles, locker rooms, kitchens and rest rooms.

Xtreme provides 1.1 trillion colony forming units per gallon. What makes our microbes even more unique is our exclusive bound microbe technology. EMS microbes are enclosed in a sheath to protect them from chlorine, sanitizer and heat, which easily kill unbound microbes. This gives it a distinct advantage when used in drain-line maintenance.

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, vegetable and animal fats, oils, greases, waste solids and other organic compounds with an easy to apply and versatile treatment. Because Xtreme is instantly reactive, it can be used in any cleaning environment where cleaning and odor control is desired.

Xtreme offers ultra fast knock down of dozens of pathogens and viruses including HIV, SARS, MRSA, Influenza, Hepatitis, E-Coli, Listeria and many more. Check with your EMS representative for a full lab report of the bacteria, pathogens and viruses that Xtreme has been tested and proven to destroy. EPA pending.

Xtreme works in any temperature and because it contains just the right amount of EMS' patented SynTech, Xtreme is capable of removing soil and buildup while it disinfects and deodorizes.



For technical support call 800-510-8812. For sales or product information call 877-424-6979 or visit www.enviromfg.com

Technical Data

NITRATE LEVEL: **0% - None**
FORM: **Liquid**
ODOR: **Mild Soapy Odor**
COLOR: **Light Yellow**
DETERGENCY: **N/A**
TOXICITY: **Non Toxic**
WETTING ABILITY: **Excellent**
STORAGE STABILITY: **3 Years**
COLD STABILITY: **30° F**

SHIPPER REGULATIONS: **None**
FLASH POINT: **None**
BOILING POINT: **214° F**
SOLUBILITY IN WATER: **100%**
BIODEGRADABLE: **Yes/100%**
VOLATILE BY VOLUME: **N/A**
CARCINOGENS: **None**
VISCOSITY: **Thin**
EVAPORATION RATE: **As with water**

Dilution Specifications

Please refer to the product label.

Toxicity Studies

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

Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals
Extreme Mic was found NOT TO BE MUTAGENIC

Dermal Irritation & Corrosion Test

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

Extreme Mic received a Primary Irritation Score of .4 +/-0.1 and 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.

Test Results Conclude Extreme Mic was found to be 100% Biodegradable

COD = **Low Detectable Limits**

BOD = **No Detectable Limits**

Metal Studies

Dept. of Transportation (D.O.T.) Test Protocols as per Section 173.154 Exceptions for Class 8 (corrosive materials): The material being tested must be proven to be non-destructive or not to cause irreversible irritations in human skin tissue. Testing was conducted on an albino rabbit.

Conclusion: Extreme Mic proven to be NON-DESTRUCTIVE on human skin tissue.

Metal Test Limits: D.O.T. Classifies a material to be CORROSIVE if it has a corrosion rate that exceeds 6.25 mmpy on SAE C1020 carbon steel

Results of Extreme Mic: SAE 1020 carbon steel = 0.00 mmpy

Conclusion: Extreme Mic is NON-CORROSIVE

Classifications & Approvals

D.O.T., TDG, IMO, IATA, IMDG, SARA 313 311/312, California Prop 65
NON-Regulated

FDA

Approved as Safe (GRAS)
(CGMP) CFR 184.1923

USDA Authorization

A1, A2, A3, A4, A7, A8, C2

Additional Studies & Results: When tested, Xtreme Mic showed no potential for the generation of Carbon Dioxide under NIOSH-B790 , OSHA & ACGIH testing protocols governing workplace environments.