

Material Safety Data Sheet

EnviroGuard Defender Additive



Revision Date: 17-Mar-09

24-HOUR EMERGENCY 1-800-255-3924 (U.S.) 001-813-248-0585 (International)

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: EnviroGuard Defender Additive
General Description: Oxidizing detergent additive
Company Information: PureLabs LLC
1919 S. Stoughton Rd
Madison WI 53716
USA
1-608-326-3500

SECTION 2 - COMPOSITION/IDENTITY INFORMATION

Hazardous Ingredients	CAS Number	%
Hydrogen Peroxide	7722-84-1	10 - 30

SECTION 3 - HAZARDS IDENTIFICATION

This product can cause irritation to eyes, skin, upper respiratory tract and mucous membranes. May be fatal if swallowed.

SECTION 4 - FIRST AID MEASURES

If in Eyes:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing. Contact a physician immediately.

If Swallowed:

Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person. Do not induce vomiting. Contact a physician immediately.

If Breathing Difficulty Occurs:

Move person to fresh air. Contact a physician immediately.

If on Skin:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Contact a physician immediately.

Material Safety Data Sheet

EnviroGuard Defender Additive

SECTION 5 - FIRE FIGHTING MEASURES

Strong Oxidizer. Contact with combustible materials may cause fire. Effect may be delayed. Contact with organic liquids or vapors may cause explosion. Detonation may be delayed. Use only water to extinguish.

Wear self-contained breathing apparatus and protective gear to prevent skin contact with corrosive solutions. Flammable vapors may form.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Contain spills and dispose of according to federal and local regulations.

SECTION 7 - HANDLING AND STORAGE

Handling: Use proper personal protective equipment as indicated in Section 8. Do not get in eyes, on skin, or on clothing. Use only in well-ventilated areas.

Storage: Store closed container in a cool, dry location away from sources of heat and combustible materials. Keep away from direct sunlight or strong incandescent light. Do not allow water inside container.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

If exposure limits listed in Section 11 are exceeded, use appropriate personal protective equipment.



SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless liquid
Odor: Mild
Specific Gravity: 1.08
pH (as is): < 3
Solubility in Water: Complete at recommended dilutions

Note: The above properties are typical values and are not to be construed as a guaranteed analysis for any specific lot or as specifications for the product.

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products: Contamination or heat may cause self-accelerating exothermic reaction with increased pressure.
Hazardous Polymerization: Will not occur.
Incompatibilities: Flammable and combustible material. Oxidizing agents.
Conditions to avoid: Heat, open flame, sources of ignition.

Material Safety Data Sheet

EnviroGuard Defender Additive

SECTION 11 - TOXICOLOGICAL INFORMATION

Chemical Name	OSHA Permissible Exposure Limit (PEL)	ACGIH Threshold Limit Value (TLV)
Hydrogen Peroxide	1 ppm, 1.4 mg/m ³ TWA	1 ppm, 1.4 mg/m ³ TWA

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: This product is expected to be fatal to aquatic life.
Environmental fate: No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT) Classification:

Proper Shipping Name: Hydrogen Peroxide, aqueous solutions
Hazard Class: 5.1 (8)
UN Number: 2014
Packing Group: II

Canadian Transportation of Dangerous Goods (TDG) Regulations:

Identical to U.S. DOT above.

International Maritime Dangerous Goods (IMDG) Code:

Identical to U.S. DOT above.

International Air Transport Association (IATA) Dangerous Goods Regulations:

Identical to U.S. DOT above.

SECTION 15 - REGULATORY INFORMATION

Hazard Symbol(s): None
Risk Phrase(s): R22 Harmful if swallowed

Material Safety Data Sheet
EnviroGuard Defender Additive

SECTION 16 - OTHER INFORMATION

Reason for Revision: Update pH

Prepared by: PureLabs LLC Chemical Research and Development

Disclaimer: PureLabs LLC believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted. However, the information presented is not to be taken as a warranty or representation for which PureLabs LLC assumes legal responsibility. This data is offered solely for your information in accordance with applicable Federal, State, and Local laws and regulations.