



Xzyme® FDA Cleaner

Product #658

1009 S. Henry Street
 Bay City, Michigan 48706
 Ph: 1-800-722-2641, Fax: 989-892-3722

Material Safety Data Sheet

Emergency Phone#: 800-535-5053

HAZARDOUS INGREDIENTS

Hazardous Components	OSHA PEL	ACGIH TLV	SARA Title 3 - SEC 313
None	N/A	N/A	N/A

According to EPA SARA Title III, Section 313 (40 CFR372), does product contain any toxic chemicals? No
 According to NPT, IARC, OSHA standards, does product contain carcinogens? No

PHYSICAL CHARACTERISTICS

pH: 7 ± 1 Evaporation Rate (BuAc=1): <1° Vapor Density (Air=1): >1 Solubility in Water: Complete
 Boiling Point (F): 212 Specific Gravity (H2O=1): 1.01 Appearance & Odor: Clear liquid with very mild scent

HEALTH HAZARD DATA

Routes of Entry: Skin and Ingestion
 Health Hazards (Acute and Chronic): SKIN and EYES - May cause minor irritation after prolonged or repeated contact with concentrated product. INGESTION - Large doses may cause diarrhea: calculated FSHA acute oral toxicity limit: Single - Dose Acute Oral LD₅₀ of Xzyme is greater than 15g/kg of body weight.
 Medical Conditions Generally Aggravated By Exposure: None known.

Emergency and First Aid Procedures: IF INGESTED, call a physician. IF EYE CONTACT, flush eyes with plenty of water while removing contact lenses.

PHYSICAL HAZARD DATA Flash Point (Method Used): None (TCC) Flammable: Not determined. Extinguishing Media: Water fog, CO ₂ or dry chemical. Special Fire Fighting Procedures: None. Unusual Fire and Explosion Hazards: None.	SHIPPING CLASSIFICATIONS Cleaning compound, NOI Class 55: Non-hazardous
REACTIVITY DATA Stability: Stable. Conditions To Avoid: None known. Incompatibility: None known. Hazardous Decomposition Products: Oxides of carbon may be formed upon combustion. Hazardous Polymerization: Will not occur.	SPILL AND LEAK PROCEDURES Steps to be taken in case material is released or spilled: Absorb or vacuum bulk of spilled material. Small spills and wash down from larger spills can be safely flushed to sewer with water. Waste Disposal Method: Observe local regulations. Precautions to be taken in handling and storage: Avoid excessive heat. Other Precautions: N/A
EXPOSURE CONTROL INFORMATION Respiratory Protection: None required Ventilation: Local exhaust: Desirable Protective Gloves: Rubber or plastic for prolonged exposure. Eye Protection: Safety glasses Work/Hygienic Practices: Always follow safe work practices. Wash before eating. Other Protective Clothing/Equipment: N/A	SPECIAL PRECAUTIONS Precautions to be taken in handling and storage: Keep out of Reach of Children. Do Not Get in Eyes Maintenance Precautions: N/A Other Precautions: Read entire label before using Other Comments: N/A

USERS RESPONSIBILITY

Good safety practice dictates that this product not be reformulated by the addition of other products or chemicals. Keep out of reach of children.

MANUFACTURERS STATEMENT

The information contained herein is to the best of our knowledge and belief, accurate and based upon data available at this time.

ECOLOGICAL INFORMATION

ACUTE AQUATIC TOXICITY AS LC₅₀: (single exposure test)
 Ceriodaphnia dubia (48 hours) - 1.32 ppm Fathead Minnow (96 hours) - 22-36 ppm
 BIODEGRADABILITY (Calculated):
 Concentration: 10mg/l Degradation after 28days: 100% Evaluation: Readily biodegradable
 Method: OECD Screening Test, OECD Guideline 301D\E

Warranty

ReNew® Systems, Inc. warrants its products to be free from defects in materials. ReNew® Systems, Inc.'s sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at ReNew® Systems, Inc.'s option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the non-conforming products. Any claim under this Warranty must be made by Buyer to ReNew® Systems, Inc. in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or six months from the delivery date, whichever is earlier. Buyer's failure to notify ReNew® Systems, Inc. of such non-conformance as required herein shall bar Buyer from recovery under this Warranty.

ReNew® Systems, Inc. makes no other warranties concerning this product. No other warranties, whether express, implied, or statutory, such as warranties or merchantability or fitness for a particular purpose, shall apply. In no event shall ReNew® Systems, Inc. be liable for consequential or incidental damages.

Any recommendation or suggestion relating to the use of the products made by ReNew® Systems, Inc. whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and, therefore, it is for Buyer to satisfy itself of the suitability of the products for its own particulate use and shall be deemed that Buyer has done so, at its sole discretion and risk. Accordingly, BUYER SHOULD COMPLETE ADEQUATE TESTS to verify suitability of the product prior to using.

Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

Manufactured by ReNew® Systems, Inc., PO Box 1072, Bay City, MI 48706

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