

MATERIAL SAFETY DATA SHEET

Waste and Sludge Reducer™ (WSR™)

- SUPERSEDES: N/A

Product Name Effective Date: 12/15/1994

Section I: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product/Chemical Name: Waste and Sludge Reducer (WSR) - Aquatic Nutrient Metabolizer

Chemical Formula: Proprietary

CAS Number: N/A

Other Designations: N/A

General Use: Aquatic Management

MANUFACTURER INFORMATION: Keeton Industries, Inc.
Telephone: 970.568.7754 1520 Aquatic Drive
Toll-Free Telephone: 800.493.4831 Wellington CO 80549
Fax: 970.568.7795 URL: www.keetonaquatics.com
E-mail: info@keetonaquatics.com

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Non-hazardous, mixed non-pathogenic naturally occurring bacteria on a food-grade cornmeal base.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A

Vapor Pressure (mm Hg): N/A

Vapor Density (Air = 1): N/A

Specific Gravity (H₂O = 0.5 - 0.7)

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): N/A

Solubility in Water: FORMS SLURRY

Appearance and Odor - Natural yellow granular powder, musty odor.

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A

Flammable Limits: N/A

LEL UCL

Extinguishing Media: FOAM, CO₂, DRY CHEMICAL, WATER

Special Fire Fighting Procedures: Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: NONE

Section V: REACTIVITY DATA

Stability: Stable at ambient temperatures and atmospheric pressure.

Conditions to Avoid: Hygroscopic, protect from moisture. Store at 65°F - 80°F.

Incompatibility (Materials to Avoid): NONE

Hazardous Decomposition or Byproducts: NONE

Hazardous Polymerization: WILL NOT OCCUR

Section VII: EMERGENCY AND FIRST AID PROCEDURES

SWALLOWING: If allergic symptom develop (observe for 48 hours) get medical attention. Never give anything by mouth to an unconscious or convulsing person.

SKIN: Wash exposed areas with soap and water. Get medical attention if allergic reaction occurs.

EYES: In case of contact, flush with plenty of water for at least 15 minutes using an eyewash fountain, if available. Get medical attention if irritation occurs.

INHALATION: Remove patient to fresh air. If breathing is difficult or allergic reaction or irritation develops, administer oxygen and get medical attention.

NOTE TO PHYSICIANS: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section VIII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if material is Released or Spilled: All personnel involved in the cleanup must wear protective clothing. NO emergency results from spillage. However, spills should be cleaned up promptly. To the extent possible, clean up spill using shovels. Sweep or vacuum spilled material, being careful not to create dust.

Waste Disposal Method: No special disposal method, may be sewerred; compatible with all known biological treatment methods. However, high BOD (Biochemical Oxygen Demand), may limit disposal down drain or sewer. Dispose of in accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing: Keep dry and at room temperature. Avoid direct skin contact.

Section IV: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Surgical mask or equivalent.

Ventilation: Provide adequate ventilation. Use local exhaust as needed if dusting occurs.

Protective Clothing: Work gloves.

Eye Protection: Safety glasses or goggles.

Other Protective Clothing: Dust protection.

Work/Hygienic Practices: Avoid dust. Do not ingest. Wash hands with soap and water after using material.

Section X: REGULATORY STATUS

TSCA Inventory Status: This product is NOT listed on the TSCA inventory

Transportation: DOT: Not Regulated

Reportable Quantity (RQ) under 49 CFR 172.101 Appendix: Not Listed

SARA Title III Section 302 Extremely Hazardous Substance List: Not Listed

SARA Title III Section 313 Toxic Chemicals: Not Listed

Reportable Quantity (RQ) under US EPA CERCLA: Not Listed

RCRA Hazardous Waste: Not Listed

Section VI: HEALTH HAZARD DATA

Exposure Limits: Chemical Name (s) ACGIH (TWA) OSHA (TWA) = NONE

Effects of Single Overexposure:

Swallowing: Ingestion of large quantities may result in abdominal discomfort including nausea, vomiting, cramps, and diarrhea.

Skin Absorption: Not absorbed through skin.

Inhalation: Hypersensitive individuals may experience allergic reaction to enzymes.

Skin Contact: May cause skin irritation. Hypersensitive individuals may experience allergic reactions to enzymes.

Eye Contact: May cause irritation.

Effects of Repeated Overexposure: Prolonged or repeated contact may cause allergic reactions in hypersensitive individuals.

Other Effects of Overexposure: NONE

Existing Medical Conditions Possibly Aggravated by Exposure: Respiratory Allergy (hay fever, asthma) in some people. Individuals hyperallergic to enzymes or other related proteins should not handle.

Carcinogenicity: This product does not contain any ingredient designated by IARC, NTP, ACHIH, or OSHA as a probable human carcinogen.

For any non-emergency questions about this product call: 1.800.493.4831

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The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, either expressed or implied, is made with respect to the information contained herein.

N/A - Not Applicable | N/E - Not Established