

**Section I: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Waste and Sludge Reducer (WSR)™ - Organic Waste Digestor

Company/Manufacturer Information:

Keeton Industries, Inc. - Phone Number : 970.568.7754  
 1520 Aquatic Drive, Wellington CO USA 80549

**Section II : COMPOSITION, INFORMATION OR INGREDIENTS**

Non-hazardous, mixed non-pathogenic naturally occurring bacteria on a food-grade cornmeal base. Chemical formula is proprietary. No hazardous compounds listed under OSHA, ACCIH, NTP, IARC, or PROP 65 or other.

**Section III : HAZARDOUS IDENTIFICATION**

Appearance and Odor - Natural yellow granular powder, bland sweet odor.

Primary Route(s) of Entry : Eye and Skin Contact and Swallowing

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

Health Hazards: Acute irritation sensations. No known chronic effects.

Signs & Symptoms of Exposure: Mild irritation, redness of eyes. Prolonged or repeated exposure may cause mild skin irritation. Nausea, vomiting, or diarrhea may result from ingestion.

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.

**Section IV : FIRST AID MEASURES**

SWALLOWING: If allergic symptoms 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 V : FIRE FIGHTING MEASURES**

Flash Point (Method Used): N/A LEL UCL

Flammable Limits: N/A

Extinguishing Media: FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER

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

Unusual Fire and Explosion Hazards: NONE

National Fire Protection Association Rating (NFPA) : Health - 0 (Minimum), Fire - 0 (Minimum), Reactivity - 0 (Minimum)

**Section VI : ACCIDENTAL RELEASE MEASURES**

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.

**Section VII : HANDLING AND STORAGE**

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

**Section VIII : EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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: Do not ingest. Wash hands with soap and water after using material.

**Section IX : PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point (F°) : N/A

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

Specific Gravity (H2O = 1) : 0.5-.07

Solubility in Water : 70% by st.

Vapor Pressure (mm Hg) : N/A

Appearance and Odor: Natural yellow granular powder, bland sweet odor.

Vapor Density (Air = 1) : N/A

Melting Point : N/A

Water Reactive: FORMS SLURRY

**Section X : STABILITY AND REACTIVITY**

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): Strong acids; may react violently and release carbon dioxide.

Hazardous Decompositon or Byproducts: Thermal decomposition products may include toxic oxides of carbon.

Hazardous Polymerization: WILL NOT OCCUR

**Section XI : TOXICOLOGICAL INFORMATION**

Exposure Limits - Chemical Name(s) : None | ACGIH (TWA) | OSHA (TWA)

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

Hazardous Materials Identification System (HMIS) : Health - 0 (Minimum), Fire - 0 (Minimum), Reactivity - 0 (Minimum)

**Section XII : ECOLOGICAL INFORMATION**

Not Applicable.

**Section XIII : DISPOSAL CONSIDERATIONS**

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. Sweep or vacuum spilled material, being careful not to create dust.

**Section XIV: TRANSPORT INFORMATION**

LAND TRANSPORTATION : US DOT-Not classified as a dangerous good under transportation regulations.

SEA TRANSPORTATION : IMDG-Not classified as a dangerous good under transportation regulations.

AIR TRANSPORTATION : IATA/ICAO-Not classified as a dangerous good under transportation regulations.

**Section XV : REGULATORY INFORMATION**

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 XVI : OTHER INFORMATION**

The information given and the recommendations made herein apply to our product(s) alone and not in combination with any other products(s). Such information and recommendations are based on our research and on data from other reliable sources and are believed to be accurate by no guaranty of their accuracy is made. In every case we urge and recommend that purchasers before using any product make their own tests to verify this data under their operating conditions and to determine to their own satisfaction whether the product is suitable for their particular purposes.

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