

Material Safety Data Sheet

FORM NUMBER: 50078

Section I Product Information/Preparation Information				
Identity: Tissue Digester		Product Use: Tissue digester for use in holding tanks		
Manufacturer's Name Thetford Corporation		Emergency Telephone Number (734) 769-6000; (800) 424-9300 (CHEMTREC-24 hrs)		
Address 7101 Jackson Road Ann Arbor, Michigan 48103		Telephone Number for Information (734) 769-6000		
		Date Prepared 1-Feb-10	Prepared By Janis M. Thomson	
Section II - Hazardous Ingredients/Identity Information				
Hazardous Components	CAS #	OSHA PEL	ACGIH	Other Limits
Cellulase	9012-54-8			None established
Sodium Chloride	7647-14-5			None established
Citric Acid	77-92-9			None established
Section III - Hazards Identification and Toxicological Information				
Emergency Overview:				
Warning! Irritating to skin and eyes.				
Route(s) of Entry:				
Inhalation: Irritant by inhalation. Dust may cause allergic reaction.				
Skin Contact: Produces irritation.				
Eye contact: Causes irritation.				
Ingestion: Elevated blood pressure if ingested due to sodium chloride content.				
Chronic effects:				
Carcinogenicity: Not carcinogenic.				
Teratogenicity: Not teratogenic.				
Mutagenicity: Not mutagenic.				
Sensitization to Material: Allergic reaction to those susceptible.				
Synergistic materials: None known.				
Toxicological Information: Calculated for mixture	LD ₅₀ : 2970 mg/kg	LC ₅₀ :		
	LD ₅₀ :	LC ₅₀ :		
Section IV - First Aid Procedures:				
Inhalation: If respiratory irritation develops, call a physician.				
Ingestion: Induce vomiting by giving 2 glasses of water and sticking finger down throat. Get medical attention immediately.				
Skin: Wash contacted area with soap and water. Wash clothing before reuse.				
Eyes: Irrigate eyes for a minimum of 15 minutes with large amounts of water. Get medical attention immediately.				
Section V - Fire and Explosion Hazard Data				
Flash Point (Method used) None	Flammable Limits by Volume N/A	LEL N/A	UEL N/A	
Extinguishing Media Water, dry chemical, or carbon dioxide	Hazardous Combustion Products None			
Special Fire fighting Procedures None.	Auto-ignition Temperature Not available	Sensitivity to Static Discharge Not available		
Unusual Fire and Explosion Hazards None	Conditions of Flammability Not flammable			
Explosion Data None	Sensitivity to Mechanical Impact Not available			

Section VI - Personal Protective Equipment

Respiratory Protection: Dust mask (NIOSH approved)	
Engineering Controls: Maintain adequate ventilation.	
Protective Gloves: Rubber gloves.	Eye Protection: Safety glasses or safety goggles.
Other Protective Clothing or Equipment: Protective clothing to avoid skin contact. Eyewash station and safety shower.	
Work/Hygienic Practices Avoid skin contact and inhalation of dust. Do not get in eyes. Wash thoroughly after handling.	

Section VII - Accidental Release Measures/Preventative Measures

Steps to be Taken in Case Material is Released or Spilled: Minimize dusting and prevent distribution of airborne dust. Sweep up and collect in suitable containers. Mop area with clean, clear water.
Waste Disposal Method Dispose of in accordance with federal, state and local regulations.
Precautions to be Taken in Handling and Storing To prolong life, store in dry containers at 40°F (4°C) below 75% humidity.
Other Precautions Do not get in eyes or on skin. Do not inhale dust. Wash thoroughly after handling.

Section VIII - Physical/Chemical Characteristics

Boiling Point Not applicable.	Specific Gravity (H2O = 1) Not applicable.	Physical State Solid
Vapor Pressure (mm Hg) Not determined	Melting Point Not determined	Odor Threshold Not determined
Vapor Density (AIR = 1) Not determined	Evaporation Rate (Butyl Acetate = 1) Not applicable	Freezing Point Does not freeze
Solubility in Water Complete if less than 36% solution	pH 10% solution 3.75 - 4.75	Coeff. Water/Oil Dist. Not determined

Appearance and Odor
Rose colored particles with yeasty odor

Section IX - Reactivity Hazards

Stability <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Hazardous Polymerization <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur
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Incompatibility (Materials to Avoid)
Concentrated acids such as sulfuric or nitric

Hazardous Decomposition or Byproducts
None

Conditions to Avoid
High humidity and elevated temperatures

Section XI - Shipping Information

Transportation Status:	Proper Shipping Name:	Class:
US DOT: Not Regulated	NA	NA
Canadian TDG: Not Regulated	NA	NA
For other modes of transportation, consult the individual regulations (IATA, IMDG) for shipping information.		