

Material Safety Data Sheet

FORM NUMBER: 50018

Section I Product Information/Preparation Information				
Identity: Fresh Water Tank Sanitizer		Product Use: Sanitize fresh water holding tank		
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 26-Sep-11	Prepared By Janis M. Thomson	
Section II - Hazardous Ingredients/Identify Information				
Hazardous Components	CAS #	OSHA PEL	ACGIH	Other Limits
Alkyl dimethyl benzyl ammonium chloride	68391-01-5			None established
Alkyl dimethyl ethylbenzyl ammonium chloride	68956-79-6			None established
Section III - Hazards Identification and Toxicological Information				
Emergency Overview:				
Warning! Corrosive to eyes and skin. Harmful if swallowed.				
Route(s) of Entry: Inhalation: Excessive inhalation may cause irritation of respiratory system, dizziness and nausea.				
Skin Contact: May be corrosive to the skin.				
Eye contact: May be corrosive to the eyes.				
Ingestion: Harmful in swallowed.				
Chronic effects: Carcinogenicity: Not carcinogenic.				
Teratogenicity: Not teratogenic.				
Mutagenicity: Not mutagenic.				
Sensitization to Material: None known				
Synergistic materials: None known.				
Toxicological Information: Hazardous ingredient mixture	LD ₅₀ : =<500 mg/kg (oral, rat)	LC ₅₀ :		
	LD ₅₀ :	LC ₅₀ :		
Section IV - First Aid Procedures:				
Inhalation: Remove victim to fresh air. Get medical attention if symptoms persist.				
Ingestion: Do not induce vomiting. Get medical attention immediately.				
Skin: Flush area with water. Wash with soap and water. Seek medical attention or advice. Wash clothing before reuse.				
Eyes: Flush contacted area with large amounts of water. Irrigate eyes for a minimum of 15 minutes. Get medical attention immediately.				
Section V - Fire and Explosion Hazard Data				
Flash Point (Method used) >200°F (>93°C) (RTCC)	Flammable Limits by Volume N/A	LEL N/A	UEL N/A	
Extinguishing Media Water, dry chemical, carbon dioxide or foam	Hazardous Combustion Products Oxides of carbon and nitrogen, ammonia			
Special Fire fighting Procedures Cool fire-exposed containers with water.	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: Not required.	
Engineering Controls: Maintain adequate ventilation.	
Protective Gloves: Rubber gloves.	Eye Protection: Safety glasses or safety goggles, face shield if splashing is possible .
Other Protective Clothing or Equipment: Protective clothing to avoid skin contact. Eyewash station and safety shower.	
Work/Hygienic Practices Avoid unnecessary contact. Wash thoroughly after handling especially before eating, drinking or smoking.	

Section VII - Accidental Release Measures/Preventative Measures

Steps to be Taken in Case Material is Released or Spilled: Eliminate sources of ignition. Clean up small spills with water. Soak up larger spills with absorbent material. Place used absorbent in closed containers for disposal. Mop area with plenty of clean, cold water.
Waste Disposal Method Dispose of in accordance with federal, state and local regulations.
Precautions to be Taken in Handling and Storing Store in cool, well ventilated area. DO NOT CONTAMINATE WATER,FOOD OR FEED BY STORAGE OR DISPOSAL.
Other Precautions Spilled material may be slippery. Avoid breathing vapors or mists. Do not get liquid in eyes or on skin. Wash thoroughly after handling.

Section VIII - Physical/Chemical Characteristics

Boiling Point Not determined	Specific Gravity (H2O = 1) 1.00	Physical State Liquid
Vapor Pressure (mm Hg) Not determined	Melting Point Not applicable	Odor Threshold Not determined
Vapor Density (AIR = 1) Not determined	Evaporation Rate (Butyl Acetate = 1) Estimated slower than ethyl ether	Freezing Point 32°F (0°C)
Solubility in Water Complete	pH 7 - 8	Coeff. Water/Oil Dist. Not determined

Appearance and Odor
Clear, colorless liquid

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
--	--

Incompatibility (Materials to Avoid)
Strong acids and anionic compounds

Hazardous Decomposition or Byproducts
Thermal decomposition may produce oxides of carbon and nitrogen, ammonia

Conditions to Avoid
Elevated temperatures, sparks and open flame

Section XI - Shipping Information

Transportation Status:	Proper Shipping Name:	Class:
US DOT: Regulated	Consumer Commodity	ORM D
Canadian TDG : Regulated	Consumer Commodity	ORM D
Regulated under other modes of transportation as UN1760 limited quantities. Consult the individual regulations, IATA via air, IMDG via water and TDG in Canada, for shipping information.		