

# Material Safety Data Sheet

FORM NUMBER: 50082

Section I Product Information/Preparation Information				
Identity: Eco-Smart Free & Clear		Product Use: Holding tank deodorant		
Manufacturer's Name Theftford Corporation		Emergency Telephone Number (734) 769-6000; (800) 424-9300 (CHEMTREC-24 hours)		
Address 7101 Jackson Road Ann Arbor, MI 48103		Telephone Number for Information (734) 769-6000		
		Date Prepared 19-Dec-11	Prepared By Janis M. Thomson	
Section II - Hazardous Ingredients/Identify Information				
Hazardous Components	CAS #	OSHA PEL	ACGIH	Other Limits
Nonionic Surfactant	34398-01-1			None established
Calcuim Nitrate	10124-37-5			None established
Section III - Hazards Identification and Toxicological Information				
<b>Emergency Overview:</b>				
Warning! Causes eye and skin irritation.				
Route(s) of Entry:				
<b>Inhalation:</b> Not an inhalation hazard.				
<b>Skin Contact:</b> May cause irritation.				
<b>Eye contact:</b> Causes irritation				
<b>Ingestion:</b> Non toxic if ingested.				
Chronic effects:				
<b>Carcinogenicity:</b> Not carcinogenic.				
<b>Teratogenicity:</b> Not teratogenic.				
<b>Mutagenicity:</b> Not mutagenic.				
Sensitization to Material: None known				
Synergistic materials: None known				
Toxological Information:		LD <sub>50</sub> : >2 g/kg (oral, rat)	LC <sub>50</sub> :	
		LD <sub>50</sub> :	LC <sub>50</sub> :	
Section IV - First Aid Procedures:				
<b>Inhalation:</b> Not applicable.				
<b>Ingestion:</b> Do not induce vomiting. Drink 2 glasses of water. Contact a physician.				
<b>Skin:</b> Flush contacted area with large amounts of water. Wash with soap and water. Wash clothes before reuse.				
<b>Eyes:</b> Flush contacted area with lots of water 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 NA		LEL NA
				UEL NA
Extinguishing Media Water, dry chemical, carbon dioxide or foam		Hazardous Combustion Products Formaldehyde, bromine, oxides of carbon and nitrogen		
Special Fire fighting Procedures None		Auto-ignition Temperature Not available	Sensitivity to Static Discharge No data available	
Unusual Fire and Explosion Hazards None		Conditions of Flammability Not flammable		
Explosion Data None		Sensitivity to Mechanical Impact No data available		

<b>Section VI - Personal Protective Equipment</b>		
Respiratory Protection: Not required.		
Engineering Controls: Maintain adequate ventilation.		
Protective Gloves: Rubber gloves	Eye Protection: Safety glasses or goggles.	
Other Protective Clothing or Equipment: Protective clothing to avoid skin contact. Eyewash station and safety shower.		
Work/Hygienic Practices Avoid unnecessary and prolonged contact. Avoid contact with skin and eyes. Wash thoroughly after handling.		
<b>Section VII - Accidental Release Measures/Preventative Measures</b>		
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 container for disposal. Mop the area with clean, cold water.		
Waste Disposal Method Dispose of in accordance with federal, state and local regulations.		
Precautions to be Taken in Handling and Storing Do not store above 100°F (38°C). Do not freeze.		
Other Precautions Do not get liquid in eyes or on skin. Wash thoroughly after handling.		
<b>Section VIII - Physical/Chemical Characteristics</b>		
Boiling Point Approximately 207°F (97°C)	Specific Gravity (H2O = 1) 1.11 - 1.15	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) Similar to water >1	Freezing Point 32°F (0°C)
Solubility in Water Complete	pH 3 - 4	Coeff. Water/Oil Dist. Not determined
Appearance and Odor Clear, colorless liquid with detergent odor		
<b>Section IX - Reactivity Hazards</b>		
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) Organics, alkalis, amines, metal		
Hazardous Decomposition or Byproducts Thermal decomposition may produce formaldehyde, bromine, oxides of carbon and nitrogen		
Conditions to Avoid Elevated temperatures		
<b>Section XI - Shipping Information</b>		
<b>Transportation Status:</b> US DOT: Not Regulated Canadian TDG: Not Regulated	<b>Proper Shipping Name:</b> NA	<b>Class:</b> NA
For other modes of transportation, consult the individual regulations (IATA, IMDG) for shipping information.		