

Material Safety Data Sheet

FORM NUMBER: 50012

Section I Product Information/Preparation Information			
Identity: Campa Chem dry		Product Use: Holding tank deodorant	
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-Sept-11	Prepared By Janis M. Thomson
Section II - Hazardous Ingredients/Identify Information			
Hazardous Components Paraformaldehyde	CAS # 30525-89-4	OSHA PEL 0.75 ppm as formaldehyde	ACGIH 0.3 ppm C* *Ceiling
Other Limits STEL 2 ppm			
Section III - Hazards Identification and Toxicological Information			
Emergency Overview:			
Warning! Inhalation causes irritation of the eyes, nose and throat. Skin sensitizer.			
Route(s) of Entry: Inhalation: Produces irritation to upper respiratory tract & eyes. May cause sensitization of the respiratory system.			
Skin Contact: Can cause severe injury-reddening and swelling. Sensitizer.			
Eye contact: Causes irritation and tearing. Can cause severe burns.			
Ingestion: Causes severe irritation and inflammation of mouth, throat and stomach.			
Chronic effects:			
Carcinogenicity: Formaldehyde is listed as a carcinogen on IARC, NTP, OSHA, ACGIH. Carcinogenic potential is based on animal evidence. Human evidence shows no increased risk of cancer.			
Teratogenicity: Not teratogenic.			
Mutagenicity: Not mutagenic in whole animal systems. Mutagenic activity in bacterial & mammalian cell culture test symptoms.			
Sensitization to Material: Persons having preexisting diseases of the lungs, eyes or skin may have increased susceptibility to the hazards of excessive exposure. High inhalation exposure may cause bronchopneumonia and adema.			
Synergistic materials: None known.			
Toxicological Information:		LD ₅₀ : 680 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 problems persist.			
Ingestion: Induce vomiting by giving 2 glasses of water and sticking finger down throat. Get medical attention immediately.			
Skin: Flush contacted area with large amounts of water. Wash with soap and water. Wash contaminated 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)	Flammable Limits by Volume	LEL	UEL
140°F (60°C) (RTCC)	Formaldehyde	7%	73%
Extinguishing Media Water, dry chemical, carbon dioxide or alcohol foam		Hazardous Combustion Products Carbon monoxide and carbon dioxide	
Special Fire fighting Procedures None.		Auto-ignition Temperature 300°C	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: Wear a vapor mask with organic vapor or formaldehyde cartridge for small spills. Use a self-contained breathing apparatus for uncontrolled releases.		
Engineering Controls: Maintain adequate ventilation to keep vapors below exposure limit.		
Protective Gloves: Rubber or neoprene gloves.	Eye Protection: Face shield with 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 unnecessary and prolonged exposure. Avoid breathing vapors. Wash thoroughly after handling.		
Section VII - Accidental Release Measures/Preventative Measures		
Steps to be Taken in Case Material is Released or Spilled: Eliminate sources of ignition. Ventilate area well - use a fan if available. Clean up small spills with water. Sweep up spilled material. Neutralize remaining odor with an ammonia, cold water mixture. Mop area with plenty of clean, cold water. Work for short periods of time (15 minute periods).		
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 110° F (43°C).		
Other Precautions Do not get in eyes or on skin. Do not inhale vapors or dust. Wash thoroughly after handling.		
Section VIII - Physical/Chemical Characteristics		
Boiling Point NA	Specific Gravity (H ₂ O = 1) NA	Physical State Solid
Vapor Pressure (mm Hg) 5 mm HgA @ 99°F (37°C)	Melting Point 120-170°C	Odor Threshold 0.05 - 1.0 ppm
Vapor Density (AIR = 1) 1.03	Evaporation Rate (Butyl Acetate = 1) Not applicable	Freezing Point Does not freeze
Solubility in Water 94%	pH 10% solution 9 - 10	Coeff. Water/Oil Dist. Not determined
Appearance and Odor Blue granules with pungent 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	
Incompatibility (Materials to Avoid) Strong alkalis, inorganic acids, isocyanates, anhydrides, oxides		
Hazardous Decomposition or Byproducts Thermal decomposition may produce carbon monoxide and carbon dioxide		
Conditions to Avoid Elevated temperatures		
Section XI - Shipping Information		
Transportation Status: US DOT: Regulated Canadian TDG: Regulated	Proper Shipping Name: Consumer Commodity Consumer Commodity	Class: ORM D ORM D
Regulated under other modes of transportation as UN2213 limited quantities. Consult the individual regulations, IATA via air, IMDG via water and TDG in Canada, for shipping information.		