

Material Safety Data Sheet

Product: D-1024**(BIODEGRADABLE DEGREASER)****File Number:** 115**MSDS Date:** 01/21/2011

Section I

Manufacturer: Tate Soaps & Surfactants, Inc.	Emergency Telephone Number: Call CHEMTREC (800) 424-9300
Address: 1500 N. Webster Street Kokomo, Indiana 46901	Telephone Number for Information: PH: (765) 868-4488 FX: (765) 868-4489

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	ACGIH TLV	OSHA PEL	% Wt
Sodium Metasilicate Pentahydrate	6834-92-0			< 3%

Section III - Physical/Chemical Characteristics

Boiling Point (°F)	214.3	Specific Gravity (H₂O = 1)	1.072
Vapor Pressure (mm Hg.)	N/A	Melting Point (°F)	N/A
Vapor Density (AIR = 1) Highest Known = 2.1		Evaporation Rate(Water = 1)	1.0
Solubility in Water	Complete		
Appearance and Odor	Clear Green Color, no odor		

Section IV - Fire and Explosion Hazard Data

Flash Point (°F , Method Used)	N/A	Flammable Limits	N/A
Extinguishing Media	Water Spray, Water Fog		
Special Fire Fighting Procedures	None, Non-combustible		
Unusual Fire and Explosion Hazards	None, Non- Combustible		

Section V - Reactivity Data

Stability Stable	Conditions to Avoid Keep from freezing. Store at room temperature. Avoid damage to containers in handling.
Incompatibility (Materials to Avoid):	Strong Mineral Acids – Strong Oxidizing Agents
Hazardous Decomposition or Byproducts: Carbon Dioxide, Carbon Monoxide, Nitrogen Dioxide, Nitrogen Monoxide.	
Hazardous Polymerization	Will Not Occur

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? N/A	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic) Eye & Skin Irritant			
Carcinogenicity: N/A		OSHA Regulated: N/A	
Medical Conditions Generally Aggravated by Exposure Will cause irritation to skin and eyes. Gastrointestinal problems will occur if ingested.			
Emergency and First Aid Procedures			
Eyes – Flush with plenty of cool water for 15 minutes. Do not rub. Get medical attention.			
Skin – Wash with soap and water.			
Ingestion – Do not induce vomiting. Dilute by drinking water or milk. Get medical attention immediately.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Small and large spills may be flushed down sewage drain with plenty of water.
Waste Disposal: Waste disposal should be consistent with all state & local ordinances.
Precautions to Be taken in Handling and Storing
Keep from freezing. Store at room temperature. Avoid damage to containers in handling.

Section VIII - Control Measures

Respiratory Protection (Specify Type): None	
Ventilation:	Normal
Protective Gloves: Neoprene	Eye Protection: Splash goggles or Face shield
Other Protective Clothing or Equipment: N/A	

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Notes: N/A – Not Applicable NDA – No Data Available