

Material Safety Data Sheet

Product: Citrus "12" Degreaser



File Number: 120	MSDS Date: 01/11/2010
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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
Butoxy Ethanol	111-76-2			< 4%
Diethanolamine	111-42-2			< .2%

Section III - Physical/Chemical Characteristics

Boiling Point (°F)	212	Specific Gravity (H₂O = 1)	.994
Vapor Pressure (mm Hg. At 20°C)	15.4	Melting Point (°F)	NA
Vapor Density (AIR = 1)	< 1	Evaporation Rate (Butyl Acetate = 1)	< 1
Solubility in Water	Emulsifies		
Appearance and Odor	Clear Orange Color, Citrus Scent		

Section IV - Fire and Explosion Hazard Data

Flash Point (°F, Method Used) 152, TCC	Flammable Limits NDA
Extinguishing Media	Dry Chemical, CO ₂ , Foam, Sand/Earth
Special Fire Fighting Procedures	SCBA Recommended; Smother to exclude air. Do not use water; handle as an oil Fire Class B Fire Procedures.
Unusual Fire and Explosion Hazards: Combustible liquid keep away from heat, sparks and open flame.	

Section V - Reactivity Data

Stability Stable	Conditions to Avoid Keep from freezing. Store at room temperature away from ignition sources and extreme heat. Avoid damage to containers.
Incompatibility (Materials to Avoid)	Strong oxidizing agents and acidic acids
Hazardous Decomposition or Byproducts	Carbon Oxides and smoke
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): Irritant, harmful if swallowed.			
Carcinogenicity: None		OSHA Regulated: N/A	
Medical Conditions Generally Aggravated by Exposure. Can cause defating of skin. Irritate eyes. Gastrointestinal problems if ingested.			
Emergency and First Aid Procedures: Eyes – Flush with cool water for at least 15 minutes. Lift lids. Do not rub. Get medical attention if irritation persists. Skin – Wash with soap and water. Remove contaminated clothing. Ingested – Do not induce vomiting. Dilute by drinking water or milk. Get medical attention immediately.			

Section VII - Precautions for Safe Handling and Use

Release or Spill of Material: Small spills may be flushed down sewage drain using plenty of water to dilute. Large spills should be recovered with absorbents (fuller earth types) and placed in container for disposal. Caution: slippery on floor.
Waste Disposal Method: Waste disposal should be consistent with all local ordinances.
Handling and Storing: Keep from freezing. Store at room temperature away from ignition sources and extreme heat. Avoid damage to containers.

Section VIII - Control Measures

Respiratory Protection: None required under normal use.	
Ventilation:	Normal
Protective Gloves:	Neoprene, Nitrile
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