

Material Safety Data Sheet

Product: Engine Degreaser



File Number: 112

MSDS Date: 01/11/2010

Section I

Manufacturer: Tate Soaps & Surfactants, Inc.	Emergency Telephone Number: Call CHEMTREC (800) 424-9300
Address: 1500 N. Webster St. 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
Mineral Spirits	8032-32-4			< 47%
Butoxy Ethanol	111-76-2			< 3%

Section III - Physical/Chemical Characteristics

Boiling Point (°F)	NDA	Specific Gravity (H₂O = 1)	0.8995
Vapor Pressure (mm Hg.)	11.8	Melting Point (°F)	N/A
Vapor Density (AIR = 1)	<1	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water :	Emulsifies		
Appearance and Odor :	Opalescent blue, mild solvent odor.		

Section IV - Fire and Explosion Hazard Data

Flash Point (°F , Method Used): 126°F T.C.C.	Flammable Limits N/A
Extinguishing Media	Dry Chemical, CO ₂ , Foam, Sand/Earth
Special Fire Fighting Procedures	Treat as Petroleum Solvent
Unusual Fire and Explosion Hazards	Closed Containers Subject to Primary Fire may Rupture Explosively.

Section V - Reactivity Data

Conditions to Avoid Store at room temperature in area isolated from ignition sources and high heat. Keep from freezing. Keep in containers tightly sealed.	
Incompatibility (Materials to Avoid)	Strong oxidizing agents, strong acids.
Hazardous Decomposition or Byproducts	Oxides of Carbon, Smoke, Solvent Vapors
Hazardous Polymerization: Will Not Occur	Stability: Stable

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 defecating of skin, irritant to eyes. Gastrointestinal problems if ingested.			
Emergency and First Aid Procedures: Eyes – Flush with water for at least 15 minutes. If irritation persists seek medical attention. Skin – Wash with soap and water. Remove contaminated clothing, wash clothing before reusing. Ingested – 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 should be absorbed with absorbents (fuller earth type) and placed in suitable containers for disposal. Keep in mind that a combustible liquid is being handled.
Waste Disposal Method: Waste disposal should be consistent with all local ordinances.
Precautions to Be taken in Handling and Storing: Store at room temperature in area isolated from ignition sources and high heat. Keep from freezing. Keep containers tightly sealed.

Section VIII - Control Measures

Respiratory Protection (Specify Type): Not needed under normal use.	
Ventilation: Normal	Other Protective Clothing or Equipment : Not required
Protective Gloves: Neoprene, Nitrile	Eye Protection: Splash goggles or face shields

DISCLAIMER: We believe that the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied. We assume no responsibility for any loss, damage, or expense, direct or consequential, arising from the use or misuse of this product.

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