

# Material Safety Data Sheet

**Product:** Engine Degreaser



<b>File Number:</b> 112	<b>MSDS Date:</b> 01/21/2011
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## Section I

<b>Manufacturer:</b> Tate Soaps & Surfactants, Inc.	<b>Emergency Telephone Number:</b> Call CHEMTREC (800) 424-9300
<b>Address:</b> 1500 N. Webster St. Kokomo, Indiana 46901	<b>Telephone Number for Information:</b> 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

<b>Boiling Point (°F)</b>	NDA	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	0.8995
<b>Vapor Pressure (mm Hg.)</b>	11.8	<b>Melting Point (°F)</b>	N/A
<b>Vapor Density (AIR = 1)</b>	<1	<b>Evaporation Rate (Butyl Acetate = 1)</b>	<1
<b>Solubility in Water :</b>	Emulsifies		
<b>Appearance and Odor :</b>	Opalescent blue, mild solvent odor.		

## Section IV - Fire and Explosion Hazard Data

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

**Section V - Reactivity Data**

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

**Section VI - Health Hazard Data**

<b>Route(s) of Entry:</b>	<b>Inhalation:</b> N/A	<b>Skin:</b> Yes	<b>Ingestion:</b> Yes
<b>Health Hazards (Acute and Chronic):</b> Irritant, harmful if swallowed.			
<b>Carcinogenicity:</b> None		<b>OSHA Regulated:</b> N/A	
<b>Medical Conditions Generally Aggravated by Exposure:</b> Can cause defecating of skin, irritant to eyes. Gastrointestinal problems if ingested.			
<b>Emergency and First Aid Procedures:</b> 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**

<b>Steps to Be Taken in Case Material is Released or Spilled:</b> 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.
<b>Waste Disposal Method:</b> Waste disposal should be consistent with all local ordinances.
<b>Precautions to Be taken in Handling and Storing:</b> Store at room temperature in area isolated from ignition sources and high heat. Keep from freezing. Keep containers tightly sealed.

**Section VIII - Control Measures**

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

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