

# Material Safety Data Sheet

**Product:** Glass & Hard Surface Cleaner



**File Number:** 139

**MSDS Date:** 01/11/2010

## Section I

<b>Manufacturer:</b> Tate Soaps & Surfactants, Inc.	<b>Emergency Telephone Number:</b> CHEMTREC 1-800-424-9300
<b>Address:</b> 1500 N. Webster Street 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
Butoxy Ethanol	111-76-2			< 1%
Isopropanol	67-63-0			< 8%

## Section III - Physical/Chemical Characteristics

<b>Boiling Point (°F)</b>	212	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	0.9914
<b>Vapor Pressure (mm Hg.)</b>	18	<b>Melting Point (°F)</b>	N/A
<b>Vapor Density (AIR = 1)</b>	1	<b>Evaporation Rate (Butyl Acetate = 1)</b>	0.35
<b>Solubility in Water</b>	Complete		
<b>Appearance and Odor</b>	Clear color, floral scent		

## Section IV - Fire and Explosion Hazard Data

<b>Flash Point (°F, Method Used)</b> T.C.C. 126	<b>Flammable Limits</b>
<b>Extinguishing Media</b>	Dry or Water
<b>Special Fire Fighting Procedures</b>	Combustible liquid alcohol solution.
<b>Unusual Fire and Explosion Hazards</b>	Containers may rupture under high heat conditions, with potential of ignition.

**Section V - Reactivity Data**

Stability Stable	Hazardous Polymerization Will Not Occur
Incompatibility ( <i>Materials to Avoid</i> )-	Strong acids, strong oxidizing agents.
Hazardous Decomposition or Byproducts	Oxides of carbon, ethylene oxide.

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation: N/A	Skin: Yes	Ingestion: Yes
Health Hazards ( <i>Acute and Chronic</i> ): Irritant also possible, skin absorbency factor			
Carcinogenicity: None		OSHA Regulated: N/A	
Medical Conditions Generally Aggravated by Exposure. Can cause irritation to skin and eyes. Will cause gastrointestinal problems if ingested.			
<b>Emergency and First Aid Procedures:</b>			
Eyes – Flush with cool water for at least 15 minutes. Do not rub. Get medical attention immediately.			
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**

Steps to Be Taken in Case Material is Released or Spilled Small spills may be flushed to sewage drain with plenty of water. Large spills should be recovered with absorbents and placed in containers for disposal.
Waste Disposal Method Waste disposal should be consistent with all local ordinances.
Precautions to Be taken in Handling and Storing Store at room temperature. Keep out of high heat areas. Avoid damage to containers in handling.

**Section VIII - Control Measures**

Respiratory Protection ( <i>Specify Type</i> ) N/A	Ventilation Local Exhaust
Protective Gloves Neoprene, Nitrile	Eye Protection Splash goggles or Face shields
Other Protective Clothing or Equipment N/A	

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