

Material Safety Data Sheet

Product: Aluminum Clean
& Bright



File Number: 150

MSDS Date: 01/21/2011

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
Citric Acid	77-92-9			>5%
Phosphoric Acid	7664-38-2			20-25%

Section III - Physical/Chemical Characteristics

Boiling Point (°F)	268	Specific Gravity (H₂O = 1)	1.16
Vapor Pressure (mm Hg.)	0.19	Melting Point (°F)	N/A
Vapor Density (AIR = 1)	1.3	Evaporation Rate (Butyl Acetate = 1)	.43
Solubility in Water	Complete		
Appearance and Odor	Translucent pink color, dry organic scent.		

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

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

Stability Stable	Conditions to Avoid Keep from freezing. Store at room temperatures. Avoid damage to containers in handling.
Incompatibility (Materials to Avoid)	Strong reducing agents.
Hazardous Decomposition or Byproducts	Carbon oxides, sulfur oxides, ethylene oxides
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 also possible, skin absorbency factor. Will cause gastrointestinal upset if ingested.			
Carcinogenicity: None		OSHA Regulated: N/A	
Medical Conditions Generally Aggravated by Exposure. May irritate skin, irritant to eyes. Will cause gastrointestinal upset if ingested.			
Emergency and First Aid Procedures: Eyes – Flush with cool water for at least 15 minutes. 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 down sewage drain with plenty of water. Large spills should be absorbed with fuller earth type absorbent and placed in container for disposal.
Waste Disposal Method: Waste disposal should be consistent with all local ordinances.
Handling & Storing: Do not freeze, keep at room temperature. Avoid damage to container.

Section VIII - Control Measures

Respiratory Protection (Specify Type) None required under normal use.	
Ventilation: Normal	
Protective Gloves: Neoprene, Nitrile	Eye Protection: Splash goggles
Other Protective Clothing or Equipment: N/A	

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.