

# Material Safety Data Sheet



# U.S. Department of Labor

May be used to comply with

OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

Occupational Safety and Health  
Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

IDENTITY *(As Used on Label and List)*

**“ALUM-A-GLOSS”  
(For highly polished aluminum)**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## Section I

Manufacturer's Name <b>RoMix, Inc.</b>	Emergency Telephone Number 1-800-255-3924 Chem -Tel
Address <i>(Number, Street, City, State, and ZIP Code)</i> P.O. BOX 1110	Telephone Number for Information 1-800-331-2243 RoMix, Inc.
Colleyville, TX 76053	Date Prepared 06/01/2011
	Signature of Preparer <i>(optional)</i> C.W.

## Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% <i>(optional)</i>
Phosphoric Acid CAS# 7664-38-2	1mg/m3	1mg/m3		
Citric Acid- Non-regulated CAS# 77-92-9				
Surfactants – Non-regulated				
Detergents – Non-regulated				
Special Inhibitors – Non-regulated				
Foam Stabilizers – Non-regulated				
Rust-Guard Additive – Non-regulated				


### Section III - Physical/Chemical Characteristics

Boiling Point	212~F	Specific Gravity (H <sub>2</sub> O = 1)	>1.420
Vapor Pressure (mm Hg.)	n/a	Melting Point	-50~F
Vapor Density (AIR = 1)	n/a	Evaporation Rate (Butyl Acetate = 1)	1 to <1
Solubility in Water Yes, infinitely soluble			
Appearance and Odor Clear-Amber liquid, sweet odor			

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media On fires in which phosphoric acid is involved. Use water spray, fog, alcohol resistant foam, dry chemicals. CO <sub>2</sub>			
Special Fire Fighting Procedures Use self-contained breathing apparatus and full protective equipment. Neutralize with soda ash or slaked lime. Do NOT use straight streams of water.			
Unusual Fire and Explosion Hazards Although phosphoric acid is not combustible, it can react with metals to liberate hydrogen, a flammable gas. Never use welding torch on drum.			

(Reproduce locally)

OSHA 174, Sept. 1985

### Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid Mixing with alkalis.
	Stable Yes	X	Heat or fire

Incompatibility ( <i>Materials to Avoid</i> ) Reacts with oxidizers. Neutralization occurs when product combines with strong alkalies.			
Hazardous Decomposition or Byproducts Phosphorus oxides may form when heated to decomposition.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards ( <i>Acute and Chronic</i> ) Acute: mild corrosive to the eyes, skin and mucus membranes.			
Chronic: Inflammation of eyes, skin (dermatitis), nasal membranes.			
Corrosivity (D.O.T. skin test) (Rabbit): 4 hour- non corrosive = Phosphoric acid Corrosivity test: acute oral toxicity: LD50 (Rat)- 1530 mg/Kg = Phosphoric acid			
Carcinogenicity: None	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure Respiratory distress, irritation of mucus lining, and burns of eyes and skin.			
Medical Conditions Generally Aggravated by Exposure (wash clothing before reuse) Respiratory irritant, sinusitis, dermatitis. Periodic surveillance is indicated.			
Emergency and First Aid Procedures Flush exposed areas with large amounts of water for at least 15 minutes. Move the exposed person to fresh air, and if necessary, administer oxygen. ( get prompt medical attention)			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Wear a MSHA/NIOSH approved respirator suitable for the situation. Dike and contain spill with inert material (e.g. sand, earth).
Spills may be neutralized with soda ash or diluted caustic soda.

Waste Disposal Method Dispose according to local, state and federal laws and regulations.
Precautions to Be taken in Handling and Storing Keep out of reach of children. Replace caps on containers after use. Use acid approved equipment for handling and storage. Protect from physical damage.
Other Precautions Store in a cool, well-ventilated area away from heat and oxidizing agents. Empty containers maybe recycled or triple rinsed and disposed in landfill.

**Section VIII - Control Measures**

Respiratory Protection ( <i>Specify Type</i> ) Not required under normal use outdoors		
Ventilation Use outdoors	Local Exhaust N/A	Special Use upwind, ventilate enclosed areas
	Mechanical ( <i>General</i> ) N/A	Other Use OSHA/NIOSH- approved respirators (organic vapor type) in extreme situations.
Protective Gloves Impermeable Rubber/ PVC/ Neoprene		Eye Protection Chemical safety glasses/ goggles
Other Protective Clothing or Equipment An eye wash should be in close proximity. Have water supply available.		
Work/Hygienic Practices All employees who handle this product should wash their hands before eating, smoking, etc.		
<b>NFPA: Health: 1, Fire: 0, Reactivity: 0, Special: B</b>		

\* U.S.G.P.O.: 1986 - 491 - 529/45775