



ALUMINATE

S.D.S.

Safety Data Sheet

According To Federal Register / Vol. 77 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 10/02/2014 Date Of Issue: 10/02/2014 Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Production Identifier

Product Form: Mixture

Product Name: Aluminate

Product Code: ALU001

1.2. Intended Use of the Product

Use of the substance/mixture: Truck Wash/Aluminum Cleaner and Brightner

1.3. Name, Address, and Telephone of the Responsible Party Company

Romix, Inc.

P.O. Box 1110

Colleyville, Texas 76034

1-800-331-2243

romixchem.com

1.4. Emergency Telephone Number: Chem-Tel 1-800-255-3924, Romix 1- 800-331-2243

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US) Regulation (EC) NO. 1272/2008



2.2. Corrosion

Skin Corr. 1C H314 Skin Burns, Eye Damage P260 Do not breathe mist, spray, or vapors.

Risk Phrases: R36, 37, 38 = Irritating to eyes, respiratory system and skin.

Signal Word: Danger

WHMIS Symbol: Corrosive Material

GHS-US Labeling

Corrosive

2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITIONS/INFORMATION ON INGREDIENTS

3.1. Substance:

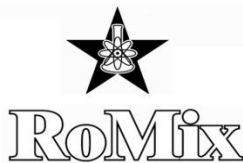
Not applicable

3.2. Mixture:

Ref. OSHA [29 CFR 1910.1200] And Canadian Hazardous Products Act

Hazardous Components	CAS#	EINECS#	% By Weight	OSHA PEL	ACGIH TLU
Phosphoric Acid	7764-38-2	2316332	20-30	1mg/m ³	1mg/m ³
Ammonium Bifluorid	1341-49-7	215-676-4	<5%	2.5mg/m ³	2.5mg/m ³
Linear Alcohol Ethoxylate Surfactant	68439-46-3	-	<1%	-	-

Note: No other ingredients in this product are hazardous.



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SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General Information: Remove clothing soiled by the product as soon as possible. Wash and dry clothing before reusing.

After Inhalation: Move affected person to fresh air. If breathing does not return to normal within a few minutes get medical attention.

After Skin Contact: Immediately rinse with water. If skin irritation is experienced, consult a doctor.

After Eye Contact: Protect unharmed eye. Rinse open eye for several minutes under running water. Remove contact lenses if able. Continue to rinse several minutes. Consult a physician with any adverse effects.

After Ingestion: Rinse mouth. Drink two glasses of water followed by milk or Milk of Magnesia. Do not induce vomiting. Seek medical attention.

4.2. **Hazards:** May cause respiratory irritation, stay up wind.

SECTION 5: FIRE FIGHTING MEASURES

5.1 **Flash Point (Method Used)** Non-flammable

Flammable Limits LEL: Not Applicable UEL: Not Applicable

Autoignition Temperature Not Determined NFPA Class: None

5.2 **General Hazards:** Product is corrosive. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

5.3 **Extinguishing Media** Carbon dioxide, water, water fog, dry chemical, chemical foam

5.4 **Fire Fighting Procedures** Keep containers cool with water spray to prevent container rupture due to steam buildup; CAUTION – material is corrosive.

5.5 **UNUSUAL FIRE AND EXPLOSION HAZARDS** Contact with B:C extinguisher powder may produce large amounts of carbon dioxide.

5.6 **HAZARDOUS COMBUSTION PRODUCTS** Toxic smoke, fumes or vapors, oxides of carbon, chlorine

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 **Steps to be Taken in Case Material is Released or Spilled:** CAUTION – CORROSIVE. Wash small spills to sanitary sewer. Large spills – confine spill, soak up with approved absorbent, shovel product into approved container for disposal. For spills in excess of allowable quantities (RQ) notify the National Response Center (800) 424-8802; refer to CERCLA 40 CFR 302 for detailed instructions concerning reporting requirements.

SECTION 7: Handling and Storage

7.1 **Precautions to be Taken in Handling and Storage:** Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Separate from oxidizing materials, metallic powders and other easily oxidized organic materials and reducing agents. CAUTION - material is corrosive. Keep this and other chemicals out of reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Engineering Controls:

Indoors: The use of local exhaust ventilation is recommended. Use corrosive-resistant ventilation equipment.

Outdoors: Work with product upwind.

8.2 **Personal Protection:** Protective goggles. Gloves. Protective clothing.



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- 8.3 Respiratory Protection:** None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134A, ANSI Z88.2, or European Standard EN 149 for complete regulations. Work upwind with product.
- 8.4 Protective Gloves:** Neoprene, butyl or nitrile rubber gloves with cuffs.
- 8.5 Eye Protection:** Chemical splash goggles. Refer to 29 CFR 1910.133, ANSI Z87.1, or European Standard EN166.
- 8.6 Other Protective Clothing or Equipment:** Coveralls, apron, or other equipment should be worn to prevent skin contact, Safety eyewash station nearby, or clean clear running water nearby.
- 8.7 Work / Hygienic Practices:** Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Appearance and Odor:	(Blue) Liquid Pungent
Vapor Density:	(Air = 1) >1
Specific Gravity:	(Water = 1) 1.120
Evaporation Rate:	(Water = 1) >1
Solubility In Water:	Complete
% Volatile (By Weight)	100%
pH:	<1.8
Vapor Pressure:	17 mm Hg @ 20° C
Boiling Point:	212 ° F (100° C)
Freezing Point:	32°F (0°C)
Viscosity:	Like That of Water
Volatile Organic Compounds (VOC's)	None

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Stability:** Stable
- 10.2. Reactivity:** Conditions to avoid: Extreme temperatures. Contact with active metals can release flammable hydrogen gas.
- Incompatibility (Materials to avoid): Strong oxidizers, strong alkalis.
- Hazardous decomposition or byproducts: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, or vapors, and smoke may be produced.
- Hazardous polymerization will not occur.
- Conditions to avoid: No further information available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Hazardous Ingredients



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Hazardous Components	CAS#	EINECS#	LD50 of Ingredient Species & Route	LC50 of Ingredient Species
Phosphoric Acid	7764-38-2	2316332	Oral 1530mg/kg Rat	Skin >850mg/m ³ Rat
Ammonium Bifluoride	1341-49-7	251-676-4	Oral 60-130mg/kg Rat	Aquatic 51mg/L
Linear Alcohol Ethoxylate Surfactant	68439-46-3	Polymer	2700mg/kg	-

11.2 See Section 15

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. **Toxicity:** Aquatic toxicity, no further information available.
- 12.2. **Persistence and Degradability:** Biodegradable
- 12.3. **Bioaccumulative Potential:** Does not accumulate in organisms.
- 12.4. **Mobility in Soil:** No further information
- 12.5. **Ecotoxic Effects:** Dilution and or neutralization reduces ph and harmful action of the HCL.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. **Waste Disposal Method:** Dispose of in accordance with local, state and federal regulations. Refer to 40 CFR 260 – 299 for complete waste disposal regulations for corrosive materials. Consult your local, state and federal agency before disposing of any chemicals.

SECTION 14: TRANSPORT INFORMATION

- 14.1 **Proper Shipping Name:** Compounds Cleaning Liquid 8, NA1760 III
Containing Phosphoric acid, Ammonium bifluoride solution
- 14.2. **DOT Hazard Class: 8 / III** UN/NA I.D. Number UN1760
- 14.3. **DOT Label:**



(Corrosive) 8 Corrosive Hazard Symbol "C", IMDG, IATA (8)

ADR Label:



(Corrosive) 8 (C1) Corrosive RID/ADR Code: 8
Un TDG Class/PG: 8/III



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- 14.4. **Package Group:** III
- 14.5. **Marine Pollutant:** No
- 14.6. **Segregation Group:** ACID

SECTION 15: REGULATORY INFORMATION

15.1. Safety, Health, and Environmental Regulations Specific for the Substance or Mixture:

TSCA (Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories

Immediate health

313 Reportable Ingredients:

None

CERCLA (Comprehensive Response Compensation and Liability Act)

(a) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture > 22,000 lbs) or greater amounts, according to 40 CFR 302.

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: D1B, E

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 3.


DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: 1

<p>Risk Phrases R34 Causes burns. R37 Irritating to respiratory system.</p>	<p>Symbols(s) Required for Label</p> <p>Corrosive</p>  <p>Corrosive</p>	<p>Safety Phrases S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)</p>
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SECTION 16: OTHER INFORMATION

Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

HMIS Hazard Ratings	Health	2	* = Chronic Health Hazard	2 = Moderate
	Flammability	0	0 = Insignificant	3 = High
	Physical Hazard	0	1 = Slight	4 = Extreme
	Personal Protective Equipment	C	Safety Glasses, Gloves, Apron	

Revision Date: 10/02/2014

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.122

SDS Prepared By: SDS Coordinator, Romix, Inc. Colleyville, TX 76034 1-800-331-2243

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Data is based on information from the manufacturer of the product and manufacturer of the components of the product. Romix assumes no responsibility for injury or damage caused by abnormal use of the product contrary to safety procedures not adhered to this SDS.