

**MATERIAL SAFETY**  
**DATA SHEET**

**SUMMIT INDUSTRIAL PRODUCTS, INC.**  
9010 CR 2120, Tyler, TX 75707  
(903) 534-8021

**DATE: 06/01/00**

**REVISED: 06/01/00**

**SUPERSEDES: 06/02/97**

**PRODUCT IDENTIFICATION**

Trade Name: **ALIMEX**  
Chief Constituent: Sulfamic Acid  
Hazardous Ingredients/OSHA: Sulfamic Acid  
Carcinogenic Ingredients/OSHA/NTP/IARC: None  
Ingredients Regulated by SARA Title 3, Section 313: None

**II. WARNING STATEMENTS**

Contains Sulfamic Acid. May be harmful if swallowed. Irritant to eyes and mucous membranes. Keep out of reach of children.

**III. PHYSICAL AND CHEMICAL DATA**

Appearance and Odor: Clear Yellow Liquid with no Odor  
Specific Gravity: 1.057  
Boiling Point: 214°F  
Vapor Pressure: 30 mm Hg Est.  
Freezing Point: 23°F  
pH: 1

**IV. FIRE PROTECTION**

Flash Point: None  
Extinguishing Media: None  
Special Firefighting Procedure: None  
Unusual Fire Hazard: Toxic gases generated under extreme heat. Breathing apparatus required.

**V. REACTIVITY DATA**

Thermal Stability: Stable (avoid excessive heat.)  
Materials to Avoid: Aqueous solutions of chlorine, hypochlorous acid, hypochlorites, cyanides or sulfides.  
Hazardous Polymerization: Will not occur  
Hazardous Decomposition Products: Sulfur dioxide, sulfur trioxide

**VI. HEALTH HAZARD DATA**

Exposure Limits:	Hazardous Compounds	OSHA PEL	ACGIH TLV	CAS #
	Sulfamic Acid	None Established		5329-14-6

**VII. PHYSIOLOGICAL EFFECTS SUMMARY**

**ACUTE:** Chemical is sulfamic acid. May be harmful if swallowed.  
Eyes: Irritant to eyes; may cause stinging sensation.  
Skin: Will sting if it comes in contact with cut or irritated skin.  
Respiratory System: Irritant to lungs and mucous membranes.  
**CHRONIC:** None  
**OTHER:** None

**VIII. PRECAUTIONS FOR SAFE HANDLING**

For general personal hygiene, wash hands thoroughly after handling material. Avoid contact with skin and eyes. Preserve integrity of container. Do not store in direct sunlight. Do not store in breakable container.

**IX. PROTECTION AND CONTROL MEASURES**

Protective Equipment: Rubber or plastic apron.  
Respiratory Protection: None  
Ventilation: Local exhaust and mechanical recommended.

**X. EMERGENCY AND FIRST AID PROCEDURES**

Eye Contact: Flush eyes with water for 15 minutes. Call a physician if irritation develops.  
Skin Contact: Wash skin with soap and water.  
Inhalation: Remove to fresh air. Give artificial respiration or oxygen if necessary.  
Ingestion: Take one or two glasses of water and call physician.

**XI. NOTES**

	HAZARD RATING INFORMATION			
	NPCA/HMIS	NFPA	KEY	
Health	1	1	4 = Severe	1 = Slight
Flammability	1	1	3 = Serious	0 = Minimal
Reactivity	0	0	2 = Moderate	

**XII. SPILL AND DISPOSAL PROCEDURES**

Environmental Impact: Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard Toll Free Number (800) 424-8802. In case of accident or road spill, notify Chemtrec (800) 424-9300.

Procedures if Material is Released or Spilled: Rinse with copious quantities of water to dilute. Sodium carbonate or calcium carbonate may be used to soak up liquid.

Waste Management: Alimex may be disposed as according to Federal, State and Local regulations.

Toxic Substance Inventory Control Act: All components are included on the TSCA Inventory and are in compliance with the TSCA.

**FOR ADDITIONAL INFORMATION CONTACT:**

**SUMMIT INDUSTRIAL PRODUCTS, INC.**  
P. O. Box 131359  
Tyler, Texas 75713  
(903) 534-8021

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