

Material Safety Data Sheet

Aluminum Potassium Sulfate

Distributed by:

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Product Numbers: NC-8068,
NC-2424, NC-12584, A1067

Section I

Manufacturer's Name HOLLAND COMPANY, INC.	Emergency Telephone Number 413-743-1292
Address (Number, Street, City, State and Zip Code) 153 HOWLAND AVENUE	Telephone Number for Information 413-743-1292
ADAMS, MASSACHUSETTS 01220	Date Prepared MARCH 2010
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Names(s))			
	Other Limits		
	OSHA PEL	ACGIH TLV	Recommended % (Optional)
KA1(SO ₄) ₂ 12H ₂ O		2mg(AL)/M3	
POTASH ALUM			
CRYSTAL ALUM			
POTASSIUM ALUMINUM SULFATE			
Hazardous substance applies when discharged into navigable water, category (P) harmful amount 5000 pounds			
CAS No. 7784-24-9	DOT: Non-hazardous		
HMIS designation 1H,OF,OR			

Section III - Physical/Chemical Characteristics

Vapor Pressure (mm Hg.)	N/A	Melting Point	
Vapor Density (AIR -1)	N/A	Evaporation Rate (Butyl Acetate - 1)	N/A
Solubility in Water: Moderate			
Appearance and Odor Colorless, odorless crystals or white powder			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits Not flammable	LEL N/A	UEL N/A
Extinguishing Media Not flammable			
Special Fire Fighting Procedures May release Sulfur Dioxide or Sulfur Trioxide at high heat.			
Unusual Fire and Explosion Hazards			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid:
	Stable	X	

Incompatibility (Materials to Avoid)**Hazardous Decomposition or Byproducts**Sulfur Dioxide (SO₂) possibly Sulfur Trioxide (SO₃)

Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Irritation	Skin? Irritation	Ingestion? May be harmful
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Health Hazards (Acute and Chronic)

Irritation of skin and mucous membrane

Carcinogenicity:	NTP?	IARC Monographs?	OSHA regulated?
N/A	N/A		

Signs and Symptoms of Exposure:

Irritation possible from inhalation, eye contact or prolonged skin contact.

Medical Conditions Generally Aggravated by Exposure: N/A**Emergency and First Aid Procedures:**

Wash skin, flush residue with plenty of water for at least 15 minutes and get medical attention. For ingestion get medical attention.

Section VII - Precautions for Safe Handling and Use**Steps to Be Taken in Case Material Is Released or Spilled**

Shovel up and remove, flush residue with water.

Neutralize with alkalis

Waste Disposal Method

Dissolve in water and flush to waste as permitted by applicable regulations.

Precautions to Be Taken in Handling and Storing

Store in cool dry place.

Other Precautions**Section VIII - Control Measures****Respiratory Protection (Specify Type):**

NIOSH approved respirator where required.

Ventilation	Local Exhaust: As necessary to eliminate dust	Special: N/A
	Mechanical (General): N/A	Other: Conc in air for mist N/A

Protective Gloves

Rubber or vinyl

Eye Protection

Safety glasses-chemical safety goggles.

Other Protective Clothing or Equipment:

Clothing sufficient to protect skin from dust.

Work/Hygienic Practices:

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