

Retail only

00723-1126

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Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29-CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072 HMIS 1H/0F/OR

IDENTITY (As Used on Label and List)
POTASSIUM ALUM

Note: Blank spaces are not permitted. If any item is not applicable, or if information is available, the space must be marked to indicate this.

Section I

Manufacturer's Name HOLLAND COMPANY, INC.	Emergency Telephone Number 613-743-1292
Address (Number, Street, City, State, and ZIP Code) 153 HOWLAND AVENUE ADAMS MASSACHUSETTS 01220	Telephone Number for Information 613-743-1292
	Date Prepared MARCH 16, 1994
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	HAZ (GHS)
KAl(SO₄)₂ · 12H₂O		50 ppm		
POTASH ALUM				
CRYSTAL ALUM				
POTASSIUM ALUMINUM SULFATE				

HAZARDOUS SUBSTANCE APPLIES WHEN DISCHARGED INTO NAVIGABLE WATER. CATEGORY (P) AMOUNT 5000 POUNDS.

DOT NO. **NA 9078**

CAS NO. **7784-24-9**

HMIS DESIGNATION **1H, 0F, 0R**

Section III - Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	1.97
Vapor Pressure (mm Hg)	NA	Melting Point	
Vapor Density (Air = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	
Solubility in Water	-Moderate		

Appearance and Odor:
colorless, odorless crystal or white powder

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) NA	Flammable Limits NOT FLAMMABLE	LEL	UEL
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Extinguishing Media
NOT FLAMMABLE

Special Fire Fighting Procedures
MAY RELEASE SULFUR DIOXIDE OR SULFUR TRIOXIDE AT HIGH HEAT

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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
	Will Not Occur	X	

Section VI — Health Hazard Data

Source(s) of Entry:	Inhalation? IRRITATION	Skin? IRRITATION	Ingestion? MAY BE HARMFUL
Health Hazards (Acute and Chronic)	IRRITATION OF SKIN AND MUCOUS MEMBRANE		

Teratogenicity:	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 ALKALIES

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.			
N/A	Local Exhaust	Special	N/A
	Mechanical (General)	Other:	N/A
Protective Gloves: RUBBER OR VINYL		Eye Protection: SAFETY GLASSES-CHEMICAL SAFETY GOGGLES	
Protective Clothing or Equipment: CLOTHING SUFFICIENT TO PROTECT SKIN FROM DUST.			