



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

MATERIAL SAFETY DATA SHEET

POTASSIUM ALUM

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc.	Emergency Number: Chemtrec	800-424-9300
135 Newbury Street		703-527-3887
Framingham, MA 01701	Information Number:	800-238-0001

Revision Date: August 2007

Synonyms: Aluminum Potassium Sulfate, Potash Alum, Potassium Aluminum Sulfate

CAS #: 7784-24-9

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Potassium Alum 99% min.	EXPOSURE LIMITS TWA
	NIOSH As AL -- 2 mg/m ³
	OSHA “
	ACGIH “

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Colorless odorless crystalline powder or granular. May emit toxic fumes during a fire.

POTENTIAL HEALTH EFFECTS:

Skin & Eyes: May cause irritation.

Inhalation: Concentrated dust may be harmful.

Ingestion: May be harmful if swallowed.

CARCINOGENICITY: Not List under OSHA, IARC or NTP

SECTION 4 - FIRST AID MEASURES

Skin: Wash with water.

Eyes: Flush with water for at least 15 minutes.

Inhalation: Remove to fresh air. Consult doctor if necessary.

Ingestion: If swallowed, give large quantities of water or milk. Seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures:

Use fire fighting procedure that is appropriate to treat surrounding fire.

Unusual Fire Explosion Hazard: May form sulfur oxides at high temperatures

Auto Ignition Temperature: Not Applicable

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contain spill, sweep up, collect and place in a disposal container.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: If dusty use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area.

SKIN AND EYE PROTECTION:

Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust. Safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE GUIDELINES: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H2O=1): 1.8

Percent Volatile by Volume (%): Not Applicable

Melting Point: 93°C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Appreciable

pH: 3.3 @ 0.2M

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperature of pressure.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur Oxides

SECTION 11 - TOXICOLOGICAL INFORMATION

Not available

SECTION 12 - ECOLOGICAL INFORMATION

Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

EMPTY CONTAINERS: Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Unlisted

SECTION 14 - TRANSPORTATION INFORMATION

DOT HAZARD CLASS: Not Regulated

SECTION 15 - REGULATORY INFORMATION

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Unlisted

Section 311/312 Hazard Category: Unlisted

SECTION 16 - OTHER INFORMATION

NFPA Ratings - Health - 1 Fire - 0 Reactivity - 0

Reason for Issue: Changed Date

This information is given without any warranty or representation. It is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. American International Chemical, Inc., shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation and verification.
