



PRODUCT SPECIFICATION

"NIAPROOF" ALUMINUM ACETATE

SPECIFICATION

CONTROL LIMITS

Total Aluminum	-	35.5 - 37.0 %, by wt. as Al ₂ O ₃
Chlorides	-	0.1 %, by wt., Max.
Sulfates	-	0.1 %, by wt., Max.
Insoluble Matter	-	0.2 %, by wt., Max.
pH of an Aqueous Solution	-	4.0 - 5.0 at 25 ^o C
Appearance	-	Fine White Powder

.82/4

Approved By:

Robert D. Hooper

Manager, Quality Control

P.O. Box 1034
 400 - 47th Street
 Niagara Falls, NY 14302

MATERIAL SAFETY DATA SHEET

(Approved by U.S. Department of Labor "Essentially Similar" to Form LSB-OOS-4)

CHEMICAL NAME: NIAPROOF® ALUMINUM ACETATE, BASIC

SYNONYMS: --- CHEMICAL FAMILY: Metallic Acetates

FORMULA: $Al(OH)_2(CH_3COO) \cdot 1/3H_3BO_3$ MOLECULAR WEIGHT: 140.65

TRADE NAME AND SYNONYMS: NIAPROOF Aluminum Acetate, Basic

I. PHYSICAL DATA

BOILING POINT, 760 mm. Hg	Not applicable	MELTING POINT	54°C.
SPECIFIC GRAVITY (H ₂ O = 1)	>1	VAPOR PRESSURE AT 20°C.	Not applicable
VAPOR DENSITY (air = 1)	Not applicable	SOLUBILITY IN WATER, % by wt. at 20°C.	40
PER CENT VOLATILES BY VOLUME	0	EVAPORATION RATE (Butyl Acetate = 1)	Not applicable
APPEARANCE AND ODOR	Solid; slight odor of acetic acid.		

II. HAZARDOUS INGREDIENTS

MATERIAL	%	TLV (Units)
Not applicable		

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (test method)	None	AUTOIGNITION TEMPERATURE	None
FLAMMABLE LIMITS IN AIR, % by volume	LOWER	None	UPPER

EXTINGUISHING MEDIA	Not applicable
SPECIAL FIRE FIGHTING PROCEDURES	Not applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS	Not applicable

Emergency Phone Number
 (716) 285-1474

This number is available days, nights, weekends, and holidays.

While Niacet Corporation believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Niacet Corporation assumes legal responsibility. They are offered solely for your consideration, investigation, and verification.

IV. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Not yet established
EFFECTS OF OVEREXPOSURE	Prolonged breathing of dust may irritate the nose or throat.
EMERGENCY AND FIRST AID PROCEDURE	Flush skin or eye contact with water. If inhaled, remove to fresh air. Call a physician if discomfort persists.

V. REACTIVITY DATA

STABILITY		CONDITIONS TO AVOID	None
UNSTABLE	STABLE		
---	✓		
INCOMPATIBILITY (materials to avoid)		None	
HAZARDOUS DECOMPOSITION PRODUCTS		Thermal decomposition may produce carbon monoxide and/or carbon dioxide.	
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID	None
May Occur	Will not Occur		
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VI. SPILL OR LEAK PROCEDURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	Shovel up and flush excess with water.
WASTE DISPOSAL METHOD	Bury in a landfill.

VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)	Dust respirator		
VENTILATION	LOCAL EXHAUST	Preferred	SPECIAL ---
	MECHANICAL (general)	Acceptable	OTHER ---
PROTECTIVE GLOVES	---	EYE PROTECTION	Safety goggles
OTHER PROTECTIVE EQUIPMENT	Eye bath and safety shower		

VIII. SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING	<p>NIAPROOF® ALUMINUM ACETATE, BASIC</p> <p>CAUTION!</p> <p>Avoid prolonged or repeated breathing of dust.</p> <p>FOR INDUSTRY USE ONLY</p>
OTHER HANDLING AND STORAGE CONDITIONS:	---