## AERCHEM INC. 320 North Walnut Bloomington, IN. 47404

Tel: 812.334.9996 Fax: 812.334.0916 Emer	gency: 800-424-9300						
Effective Date: 10-01-94							
Product Name: Ammonium Alum  Chemical Formula: AINH4(SO4)12H2O  Cas No.:7784-26-1  Hazardous Ingredients: None  Ammonium Aluminum Sulfate Crystal Alum							
						HAZARDOUS SUBSTANCE APPLIES WHEN DISCH CATEGORY (P) HARMFUL AMOUNT 5000 LBS.	ARGED INTO NAVIGABLE WATER,
						Physical Data:	
						Melting point (range) Approx.:	200F
						Boiling point:	N/A MODERATE Colorless, odorless crystal or White powder N/A
Solubility in water:							
Physical form:							
Vapor pressure:							
Specific Gravity:	1.64						
Fire and Explosion Information:							
Flash point:	N/A						
(Auto) Ignition temperature:	N/A						
Extinguishing media to be recommended:	NOT FLAMMABLE						
to be avoided:	N/A						
Special fire and explosions precautions:	Decomposes to Ammonia, Sulfur Dioxide, Nitrogen and Sulfur Trioxide at high heat.						
Reactivity Data: StableX	Unstable						
Hazardous Decomposition: Ammonia gas, sulfur did	oxide, possible sulfur trioxide.						
Hazardous Polymerization: Will not occur							
Incompatibilities: Alkalies will release Ammonia gas.							

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**Handling and Storage Information:** 

STORE IN COOL DRY PLACE

Leak/Spill Information:

SHOVEL UP AND REMOVE, FLUSH RESIDUE WITH WATER, NEUTRALIZE WITH ALKALIES

**Disposal Information:** 

DISSOLVE IN WATER AND FLUSH TO WASTE AS PERMITTED BY APPLICABLE REGULATIONS

**Health Hazard Information:** 

A. Exposure/Health Effects

Inhalation:

**IRRITATION** 

Ingestion:

MAY BE HARMFUL

**Skin Contact:** 

IRRITATION.

Effects of single exposure:

IRRITATION POSSIBLE FROM INHALATION, EYE CONTACT OR PROLONGED SKIN CONTACT.

Acute & Chronic Exposures:

IRRITATION OF SKIN AND MUCOUS MEMBRANE

Aggravation of pre-existing conditions: N/A

**Occupational Control Measures:** 

Local Exhaust: As necessary to eliminate dust

Ventilation Systems: N/A

Personal Respirators: NIOSH approved respirator for dusts and mists.

**Skin Protection:** Hard hats, chemical resistant or rubber shoes and protective clothing should be worn

when handling.

**Eye Protection:** Chemical workers Dust-Proof Goggles, Chemical workers splash goggles, eyewash and safety shower.

station