

ALLIED CHEM CORP. -- ALUM (DRY) -- 6810-00-281-7455

===== Product Identification =====

Product ID:ALUM (DRY)  
MSDS Date:10/01/1985  
FSC:6810  
NIIN:00-281-7455  
MSDS Number: BDTCS  
=== Responsible Party ===  
Company Name:ALLIED CHEM CORP.  
Box:1139R  
City:MORRISTOWN  
State:NJ  
ZIP:07960  
Country:US  
Info Phone Num:201-455-2000  
Emergency Phone Num:201-455-2000  
CAGE:GO753  
=== Contractor Identification ===  
Compan  
y Name:ALLIED CHEM CORP.  
Address:COLUMBIA RD & PARK AVE  
Box:1087R  
City:MORRISTOWN  
State:NJ  
ZIP:07960  
Country:US  
Phone:800-522-8001  
CAGE:GO753  
Company Name:ALLIED-SIGNAL INC  
Address:Box:2332R  
City:MORRISTOWN  
State:NJ  
ZIP:07962-2332  
Country:US  
Phone:201-455-4414  
CAGE:1L164

===== Composition/Information on Ingredients =====

Ingred Name:ALUMINUM SULFATE (SARA III)  
CAS:10043-01-3  
RTECS #:BD1700000  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE:EYE BURNS,IRRITATION OF  
SKIN,RESPIRATORY OR G.I. TRACT. CHRONIC:NONE KNOWN  
Medical Cond Aggravated by Exposure:NOT KNOWN

===== First Aid Measures =====

First Aid:INHALE: RMV TO FRESH AIR. IF NOT BRTHG GIVE CPR. IF BRTHG  
DIFFICULT GIVE OXYGEN. INGEST: INDUCE VOMITING. RPT UNTIL VOM  
IT  
CLEAR. NOTHING BY MOUTH IF UNCONSCIOUS. CONTACT: IMMED FLUSH EYES  
OR SKIN W/ P LENTY OF WATER. RMV CONTAM CLTHG. CALL A PHYSICIAN

===== Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:NONE NOTED;USE SUITABLE MEDIA FOR SURROUNDING  
FIRES.  
Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP  
Unusual Fire/Explosion Hazard:TEMP ABOVE 1400F YIELD TOXIC AND  
CORROSIVE GASES

===== Accidental Release Measures =====

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Spill Release Procedures:SHOVEL UP DRY CHEMICAL & PLACE IN EMPTY  
CONTAINER & COVER, SPRAY RESIDUE W/ PLENTY OF WATER. NEUTRALIZE  
W/ALKALI SUCH AS SODA ASH

===== Handling and Storage =====

Handling and Storage Precautions:AVOID CONTACT W/ SKIN, EYES, OR  
CLOTHING. AVOID BREATHING DUST OR MIST. STORE IN A COOL, DRY AREA.  
Other Precautions:BULK SHIPMENT TAG SIGNAL WORD: WARNING!

===== Exposure Controls/Personal Protection =====

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Respiratory Protection:RESPIRATOR APPROVED BY NIOSH FOR DUSTS AND MIST.  
Ventilation:LOCAL EXHAUST IF DUSTY OR MISTY CONDITION PREVAILS  
Protective Gloves:PLASTIC/RUBBER  
Eye Protection:CLEAR GOGGLES/OR FACE SHL  
Other Protective Equipment:FULL WORK CLOTHING, EYE-WASH FACILITY  
Supplemental Safety and Health  
ITEM IS TYPE I AND CLASS 2 UNDER FED SPEC O-A-429 BOUGHT IAW AWWA STD  
B403-82. MSDS DATED JUNE 1982.

===== Physical/Chemical Properties =====

HCC:N1  
Spec

Gravity:1.61

Solubility in Water:MODERATE

Appearance and Odor:WHITE OR CREAMY WHITE GRANULES OR POWDER WITH NO  
ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ALKALIES & WATER-REACTIVE MAT I.E. OLEUM: = EXOTHERMIC REACT

Stability Condition to Avoid:TEMP ABOVE 760C YIELD TOXIC AND CORROSIVE  
GASES

Hazardous Decomposition Products:>1400F SULFUR OXIDE GASES AND CAUSTIC  
RESIDUE

===== Disposal Considerations =====

Waste Disposal Methods:DISSOLVE IN WATER. NEUTRALIZE W/ ALKALI, THEN  
FLUSH TO SEWER W/PLENTY OF WATER IF PERMITTED BY REG. NEUTRALIZED  
WASTE MAY HAVE TO BE DISPOSED OF BY APPROVED CONTRACTOR. NOT A  
HAZARDOUS WASTE.

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