

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 ===
Compa
ny 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 VO
MIT
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
=====

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
=====

=====

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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants th

is information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.