

RHONE-POULENC BASIC CHEMICALS CO -- ALUMINUM SULFATE, HYDRATE -- 6810-00-281-7455  
===== Product Identification =====

Product ID:ALUMINUM SULFATE, HYDRATE

MSDS Date:11/03/1989

FSC:6810

NIIN:00-281-7455

MSDS Number: BTKQN

=== Responsible Party ===

Company Name:RHONE-POULENC BASIC CHEMICALS CO

Address:1 CORPORATE DRIVE

Box:881

City:SHELTON

State:CT

ZIP:06484

Country:US

Info Phone Num:203-925-3467

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ergency Phone Num:203-925-3467

CAGE:0GAK8

=== Contractor Identification ===

Company Name:LOS ANGELES CHEMICAL CO

Address:4545 ARDINE ST

Box:1987

City:SOUTH GATE

State:CA

ZIP:90280

Country:US

Phone:213-562-9500

CAGE:75656

Company Name:RHONE-POULENC BASIC CHEMICALS CO

Address:1 CORPORATE DRIVE

Box:881

City:SHELTON

State:CT

ZIP:06484

Country:US

Phone:203-925-3300

CAGE:0GAK8

Company Name:YANCY MINERALS INC.

Address:1768 LITCHFIELD TURNPIKE

Box:City:WOODBIDGE

State:CT

ZIP:06525-2309

Country:US

Phone

:203-624-8067  
CAGE:9S652

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Composition/Information on Ingredients  
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Ingred Name:ALUMINUM SULFATE (SARA III)  
CAS:10043-01-3  
RTECS #:BD1700000  
Fraction by Wt: 57% MIN  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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Hazards Identification  
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS >2000 MG/KG  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SWALLOWING-CAUSES IRRITATION OF THE MOUTH, THROAT, ESOPHAGUS AND STOMACH. INHALATION-DUST ARE SEVERLY IRRITATION TO THE RESPIRATORY TRACT. SKIN-DRY MATERIAL IS NONIRRITATING. IN THE PRESENCE OF MOISTURE, MAY CAUSE SKIN IRRITATION. EYE-MAY CAUSE SEVERE IRRITATION.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.  
Effects of Overexposure:SWALLOWING-NAUSEA, VOMITING AND DIARRHEA. SKIN-IN THE PRESENCE OF MOISTURE, SKIN BURNS. EYE-ACID BURNS.  
Medical Cond Aggravated by Exposure:SKIN IRRITATION MAY BE AGGRAVATED IN PERSONS WITH EXISTING SKIN LESIONS. BREATHING DUST MAY AGGRAVATE ACUTE OR CHRONIC ASTHMA AND OTHER CHRONIC PULMONARY DISEASE.

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First Aid Measures  
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First Aid:SKIN-WIPE OFF EXCESS WITH DRY CLOTH, THEN WASH SKIN WITH SOAP &

WATER. INHALE-REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF HARD TO BREATHE, GIVE OXYGEN. EYE-HOLD EYELIDS OPEN & FLUSH WITH STEADY STREAM OF WATER FOR 15 MIN. SWALLOWING-IF PATIENT IS CONSCIOUS & ALERT, GIVE 2-3 GLASSES OF WATER OR MILK TO DRINK, OR IPECAC SYRUP TO INDUCE VOMITING. IN ALL CASES CONTACT A PHYSICIAN.

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

Flash Point:NONE

Extinguishing Media:NOT COMBUSTIBLE. USE APPRIIATE EXTINGUISHING MEDIA FOR MATERIAL THAT IS SUPPLYING FUEL.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING & SELF CONTAINED BREATHING APPARATUS. DIKE AREA TO PREVENT RUNOFF & CONTAMINATING WATER SOURCES. COOL SURROUNDING AREA WITH WATER SPRAY

Unusual Fire/Explosion Hazard:UNDER FIRE CONDITIONS TO GIVE OFF SULFUR TRIOXIDE, AN OXIDIZING AGENT WHICH WILL SUPPORT COMBUSTION. SULFUR TRIOXIDE WILL REACT WITH WATER TO FORM SULFURIC ACID

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

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Spill Release Procedures:TO THE EXTENT POSSIBLE, CLEAN UP SPILLAGE USING SHOVELS. CAREFULLY SCOOP UP LOOSE MATERIAL & PLACE IT IN APPROPRIATE CONTAINER SO AS TO AVOID DUST GENERATION. STAND UPWIND IF POSSIBLE. IS SPILLED ON GROUND, SCRAPE AREA CLEAN. DO NOT FLUSH TO SEWER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE IN TIGHTLY CLOSED CONTAINERS AWAY FROM IGNITION SOURCES. DO NOT BREATHE DUST.

DO NOT SWALLOW.

Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED HALF-FACE-PIECE CARTRIDGE, PURIFYING RESPIRATOR IN COMBINATION WITH AN APPROVED PARTICULATE PRE- FILTER.

Ventilation:LOCAL EXHAUST VENTILATION WHEN NECESSARY.

Protective Gloves:RUBBER GLOVES.

Eye Protection:FACE SHIELD OR CHEMICAL WORKER GOGGLES

Other Protective Equipment:MAINTAIN A SIN

K, SAFETY SHOWER, EYEWASH  
FOUNTAIN IN WORK AREA.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE  
EATING, DRINKING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO  
NOT BREATHE VAPORS OR MIST. DO NOT INGEST. READ PRECAUTIONS ON  
LABEL BEFORE USE.

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

HCC:N1

Decomp Temp:Decomp Text:1202F,  
650C

Solubility in Water:87.3 G/100G WATER

Appearance and Odor:WHITE TO TAN GROUND CRYSTALLINE SOLID OR POWDER;  
ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH STRONG ALKALIES TO FORM ALUMINUM HYDROXIDE, WEAKLY  
CORROSIVE TO CARBON STEEL.

Stability Condition to Avoid:TEMPERATURES AT OR NEAR DECOMPOSITION  
TEMPERATURE; CONTACT WITH MOISTURE.

Hazardous Decomposition Products:DECOMPOSITION PRODUCTS MAY  
BE

HAZARDOUS. THESE MAY INCLUDE ALUMINUM OXIDE AND SULFUR OXIDES.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPLICABLE  
FEDERAL, STATE AND LOCAL REGULATIONS.

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