

STAUFFER CHEMICAL CO. -- ALUMINUM SULFATE, HYDRATE -- 6810-00-281-7455

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

Product ID:ALUMINUM SULFATE, HYDRATE

MSDS Date:05/01/1985

FSC:6810

NIIN:00-281-7455

MSDS Number: BDTCX

=== Responsible Party ===

Company Name:STAUFFER CHEMICAL CO.

Address:NYALA FARMS RD

City:WESTPORT

State:CT

ZIP:06880-6240

Country:US

Info Phone Num:203-222-3000

Emergency Phone Num:203-226-660

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CAGE:DO667

=== Contractor Identification ===

Company Name:AKZO NOBEL CHEMICALS INC

Address:300 S. RIVERSIDE PLAZA

Box:City:CHICAGO

State:IL

ZIP:60606-6613

Country:US

Phone:312-906-7500 TECH: 800-828-792

CAGE:97854

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:STAUFFER CHEMICAL COMAPNY

City:WESTPORT

State:CT

ZIP:06881

Phone:(203) 226-6602

CAGE:DO667

Company Name:YANCY MI

NERALS INCORPORATED
CAGE:95652

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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: >99%
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:RAT 2000-5000 MG/KG;DERMAL:>5000MG/KG,RA
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:
ACUTE:MAY IRRITATE EYES AND SKIN OR
RESPIRATORY TRACT. CHRONIC:NO DATA AVAILABLE.
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN.

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First Aid Measures
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First Aid:SKIN:WASH W.SOAP & H*2O EYES:FLUSH W. H*2O. INGESTED:GIVE 2
GLASSES H*2O; INDUCE VOMITING.CALL A PHYSICIAN. INHALE:REMOVE TO
FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE
CONTAMINATED CLOTHING. IF UNCONS DO NOT TAKE ANYTHING
BY MOUTH.

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Fire Fighting Measures
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Flash Point:NONE
Extinguishing Media:WATER SPRAY, DRY CHEMICALS, OR CARBON DIOXIDE
Fire Fighting Procedures:USE H*2O TO COOL EXPD CONTRS. USE SCBA & FULL
PROT.CLTHG.
Unusual Fire/Explosion Hazard:ABOVE 1202F,IT DECOMPOSES TO AL*2O*3,&
SO*3; SO*3 SUPPORTS COMBUSTION & REACTS W/WATER TO GIVE H2SO4

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Accidental Release Measures
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Spill Release Procedures:MAKE SURE ALL PERSO

NS INVOLVED CLEAN-UP WEAR

DUST RESPIRATOR, PROTECTIVE CLOTHING & SAFETY GLASSES; SWEEP UP SPILLS BUT DO NOT CREATE DUST. PLACE SWEEPINGS IN WASTE CONTAINER FOR DISPOSAL. COVER AREA W/DE THERGENT & WATER. LET STAY 1-2 HR THEN FLUSH W/WATER

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

Handling and Storage Precautions: STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM SOURCE OF IGNITION & FLAMMABLE MATL. STORE AWAY FROM FOODSTUFF. PREVENT DAMAGE TO OR LEAKAGE FROM CONTNR.

Other Precautions: KEEP DRY. WHEN WET OR IN AQUEOUS SOLUTION, IT BEHAVES LIKE A WEAK H²SO⁴ SOLUTION WHICH WILL BE CORROSIVE TO STEEL, ALUMINUM, ZINC, ETC.; AVOID CONTACT WITH SKIN & EYES. AVOID BREATHING OF DUST.

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

Ventilation: LOCAL EXHAUST VENTILATION

Protective Gloves: PLASTIC, RUBBER

Eye Protection: CLEAR GOGGLES OR FACE SHIELD

Other Protective Equipment: BRIMMED HAT & SLICKER SUIT IF DESIRED

Supplemental Safety and Health

Information

MSDS FROM MFR DATED: 5/85; SPEC REFERENCE: O-A-429D, TYPE I, CLASS 2.

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

HCC: N1

Boiling Pt: B.P. Text: NR

Decomp Temp: Decomp Text: 190F/88C

Spec Gravity: NR

pH: 3.5

Solubility in Water: APPRECIABLE

Appearance and Odor: WHITE TO TAN-COLORED GROUND CRYSTALS/POWDER. ODORLESS

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

Stability Indicator/Materials to Avoid: YES

NOT KNOWN

Stability Condition to Avoid: WILL ABSORB MOISTURE

Hazardous Decomposition Products:ABOVE 1202F,DECOMPOSES TO ALUMINUM
OXIDE & SULFUR TRIOXIDE

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

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE &
DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE
INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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