

ESSEX INDUSTRIAL CHEMICALS,INC -- ALUMINUM SULFATE -- 6810-00-686-5892

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Product Identification  
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Product ID:ALUMINUM SULFATE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-686-5892

MSDS Number: BFLQK

=== Responsible Party ===

Company Name:ESSEX INDUSTRIAL CHEMICALS,INC

Emergency Phone Num:201-773-6300

CAGE:3U945

=== Contractor Identification ===

Company Name:ESSEX CHEMICAL CORP

Address:1250 HARMO

N RD

Box:City:AUBURN HILLS

State:MI

ZIP:48326

Country:US

Phone:248-391-6300

CAGE:22360

Company Name:ESSEX INDUSTRIAL CHEMICALS INC

Address:1401 BROAD ST

Box:City:CLIFTON

State:NJ

ZIP:07015

Country:US

Phone:201-773-6300

CAGE:3U945

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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: 99.6%

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 =====

Effects of Overexposure:DUST WILL IRRITATE EYES.IF WET,BECOMES  
CORROSIVE.WILL IRRITATE EYES,SKIN,MUCOUS MEMBRANES,OPEN WOUND

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

First Aid:EYES: FLUSH IMMEDIATELY WITH WATER, HOLDING EYELIDS  
OPEN-FOLLOWED BY A MILD EYEWASH. GET MEDICAL ATTENTION. SKIN: FLUSH  
WITH WATER. INHALATION: AVOID BREATHING IN DUST. INGESTION: DRINK  
LARGE AMOUNTS OF WATER. GET MEDICAL ATTE  
NTION IMMEDIATELY.

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

Extinguishing Media:EXTINGUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:DRY ALUM IS A FIRE RETARDANT.WET ALUM IS  
EXTREMELY SLIPPERY.

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

Spill Release Procedures:DRY MATERIAL MAY BE SHOVELED INTOCONTAINERS  
FOR LATER USE OR RECLAIM.ANY RESIDUAL OR DISSOLVED ALUM MAY BE  
NEUTRALIZED WITH SODAASH AND FLUSH AWAY  
WITH WATER.

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

Handling and Storage Precautions:STORE DRY SLUM IN AN AREA OF LOW  
HUMIDITY TO AVOID CAKING AND BAG DETERIORATION.  
Other Precautions:ALUM WILL CORRODE IRON & STEEL WHEN IT BECOMES  
WET.HAVE SAFETY SHOWER AND EYEWASH FOUNTAINS NEARBY.

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

Respiratory Protection:DUST RESPIRATOR- MSA & NIOSH APPROVED  
Ventilation:AS REQUIRED TO CONTROL DUST IN AIR

Protective Gloves:RUBBER/PLASTIC

Eye Protection:SAFETY GLASSES

Other Protective Equipment:STEEL-TIPPED RUBBER SAFETY SHOES.WEAR CLEAN  
CLOTHING DAILY.

Supplemental Safety and Health

ITEM IS TYPE II AND CLASS 3 OF FEDERAL SPEC O-A-429. PH OF 1% SOLUTION  
IS 3.5SP GR OF POWDER FORM IS 0.64 GM/ML.

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

HCC:N1

Spec Gravity:1.09

Solubility in Water:APPRECIABLE

Appearance and Odor:FROM LUMPS-CRYSTALLINE POWDER,NO ODOR.

Percent V

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

Stability Indicator/Materials to Avoid: YES  
STEEL OR OTHER FERROUS MATERIALS.  
Stability Condition to Avoid: WET ALUM WILL CORRODE STEEL.  
Hazardous Decomposition Products: NONE

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

Waste Disposal Methods: ALUMINUM SULFATE MAY BE A HAZARDOUS WASTE UNDER RCRA DUE TO ITS CORR IN WATER. SPILLS MAY BE REPORTABLE. COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING DISPOSAL.

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