

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

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

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 HARMON

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

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

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 ATTENTION IMMEDIATELY.

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

Extinguishing Media:EXTINQUISH 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 INTO CONTAINERS 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 Vo

===== 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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