

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 HAR

MON 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

=====

==== 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 AT
TENTION 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 AW
AY 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 A
IR.
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

===== 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.

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 this 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.