

ALCOA ALUMINA & CHEMICALS, L.L.C. -- ACTIVATED ALUMINAS -- 6850-01-384-5083

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

Product ID:ACTIVATED ALUMINAS

MSDS Date:12/18/1995

FSC:6850

NIIN:01-384-5083

MSDS Number: CGMLZ

=== Responsible Party ===

Company Name:ALCOA ALUMINA & CHEMICALS, L.L.C.

Address:425 SIXTH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219-1850

Country:US

Info Phone Num:412-553-4001

Emergency Phone

Num:412-553-4001

CAGE:NO578

=== Contractor Identification ===

Company Name:ALCOA ALUMINA & CHEMICALS, L.L.C.

Address:425 SIXTH AVENUE

Box:City:PITTSBURGH

State:PA

ZIP:15219-1850

Country:US

Phone:412-553-4001

CAGE:NO578

Company Name:HOFFMAN INDUSTRIES INC (804-424-7655)

Box:UNKNOWN

CAGE:66330

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

Ingred Name:ALUMINUM OXIDE

CAS:1333-84-2

Fraction by Wt: 90-97%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA GEL

CAS:112945-52-5

RTECS #:VV7310000
Fraction by Wt: .01-.2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:6 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 4-7%
Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE CONTACT CAN
CAUSE MILD IRRITATION
ESPECIALLY WHEN WET. SKIN CONTACT CAN CAUSE MILD IRRITATION.
INHALATION CAN CAUSE MILD UPPER RESPIRATORY TRACT IRRITATION.
INGESTION CAN CAUSE MILD 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:EYE IRRITATION, SKIN IRRITATION, UPPER
RESPIRATORY TRACT IRRITATION, GI TRACT IRRITATION.
Medical Cond Aggravated by Ex
posure:SKIN RASHES, CHRONIC LUNG
DISEASE,ASTHMA.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL
ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DRINK WATER
OR CITRUS JUICES. GET MEDI

CAL ATTENTION.

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

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR NIOSH APPROVED, POSITIVE PRESSURE, SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING WHEN APPROPRIATE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:CLEAN UP USING DRY PROCEDURES; AVOID DUSTING.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID CONTACT WITH EYES AND SKIN. DO NOT INHALE DUST. KEEP MATERIAL DRY.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protect

ion:NIOSH APPROVED DUST RESPIRATOR IF OVEREXPOSURE POTENTIAL EXISTS.

Ventilation:USE WITH ADEQUATE VENTAILATION TO MEET EXPOSURE LIMITS.

Protective Gloves:RECOMMENDED TO AVOID SKIN CONTACT.

Eye Protection:SAFETY GLASSES RECOMMENDED.

Other Protective Equipment:AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NONE SPECIFIED BY

MANUFACTURER.

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

HCC:B3
Boiling Pt:B.P. Text:NOT GIVEN
Melt/Freeze Pt:M.P/F.P Text:3700F,2038C
Vapor Pres:NOT GIVEN
Vapor Density:NOT GIVEN
Spec Gravity:3.2
pH:10
Viscosity:NOT GIVEN
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:INSOLUBLE
Appearance and Odor:OFF-WHITE CRYSTALLINE OR GELTINOUS GRANULES,
PELLETS/POWDER.

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

Stability Indicator/
Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:A RISE IN TEMPERATURE MAY RESULT FROM
CONTACT WITH WATER.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:COLLECT IN CONTAINERS, BAGS OR COVERED DUMPSTER
BOXES. IF REUSE OF RRECYCLING IS NOT POSSIBLE, MATERIAL MAY BE
DISPOSED OF AT AN INDUSTRIAL LANDFILL.

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