

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:UNKNOW

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 Exposure: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. INHALATION: 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 VENTILATION 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 OR RECYCLING IS NOT POSSIBLE, MATERIAL MAY BE
DISPOSED OF AT AN INDUSTRIAL LANDFILL.

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