

ALUMINUM COMPANY OF AMERICA -- ACTIVATED ALUMINAS -- 6850-00-145-0459

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

Product ID:ACTIVATED ALUMINAS

MSDS Date:02/28/1992

FSC:6850

NIIN:00-145-0459

MSDS Number: BDCHG

=== Responsible Party ===

Company Name:ALUMINUM COMPANY OF AMERICA

Address:HWY 79

Box:472

City:ROCKDALE

State:TX

ZIP:76567

Country:US

Info Phone Num:412-553-4649

Emergency Phone Num:412-553-4001

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E:ALUMI

=== Contractor Identification ===

Company Name:ALUMINUM CO OF AMERICA

Address:HWY 79

Box:472

City:ROCKDALE-FORMERLY IN PITTSBURG, PA

State:TX

ZIP:76567

Country:US

Phone:512-446-8461

CAGE:01634

Company Name:ALUMINUM CO OF AMERICA INDUSTRIAL CHEM DIV

Address:HWY 88 (ALUM CO AM BAAUXITE AR OLD)

Box:300

City:BAUXITE

State:AR

ZIP:72011

Country:US

Phone:501-776-4663

CAGE:4H413

Company Name:ALUMINUM COMPANY OF AMERICA

Address:1501 ALCOA BUILDING

Box:472

City:PITTSBURGH

State:PA

ZIP:15219

Countr

y:US
Phone:412-553-4001
CAGE:ALUMI

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Composition/Information on Ingredients
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Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS FORMS) (SARA III)

CAS:1344-28-1
RTECS #:BD1200000
Fraction by Wt: 90 - 95%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SODIUM OXIDE
CAS:1313-59-3
Fraction by Wt: 0.3-0.6%
Other REC Limits:NONE SPECIFIED

Ingred Name:SILICON DIOXIDE (AMORPHOUS)
CAS:67762-90-7
Fracti
on by Wt: .01-0.2%
Other REC Limits:NONE SPECIFIED

Ingred Name:IRON OXIDE FUME (FE2O3)
CAS:1309-37-1
RTECS #:NO7400000
Fraction by Wt: .03-0.1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG/M3 (FE)
ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 4.0-7.0%
Other REC Limits:NONE SPECIFIED

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Hazards Identification
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LD50 LC50 Mixture:LD50 3160 MG/KG ORAL (RAT)
Routes of Entry: Inhalation:YES Skin:NO Ing

estion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:THE DESICCANT PROPERTIES OF THIS PRODUCT MAY CAUSE IRRITATION TO THE EYES AND UPPER RESPIRATORY TRACT.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:EYE IRRITATION, UPPER RESPIRATORY TRACT IRRITATION

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUS H WITH WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: INDUCE VOMITING IMMEDIATELY. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION.

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

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Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

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

Fire Fighting Procedures:NONFLAMMABLE. USE PROCEDURES SUITABLE FOR SURROUNDING FIRE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== 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:STORE AWAY FROM MOISTURE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:USE WITH

ADEQUATE VENTILATION TO MEET EXPOSURE LIMITS
Protective Gloves:NONE SPECIFIED BY MANUFACTURER.
Eye Protection:SAFETY GLASSES
Other Protective Equipment:EMERGENCY EYEWASH, SHOWER
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1
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
Solubility in Water:INSOLUBLE
Appearance and Odor:OFF WHITE CRYSTALLINE OR GELATINOUS GRANULES,
PELLETS OR POWDER, NO ODOR
Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES
WATER
Stability Condition to Avoid:MOISTURE
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

===== Disposal Consideration

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Waste Disposal Methods:WASTE MAY BE CONSIDERED AS INERT MATERIAL,
SUITABLE FOR LANDFILL.

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