

ALUMINUM CO OF AMERICA,POWDER DIVISION. -- ATOMIZED ALUMINUM POWDER --
6810-01-228-1269

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

Product ID:ATOMIZED ALUMINUM POWDER
MSDS Date:10/29/1993
FSC:6810
NIIN:01-228-1269
MSDS Number: CBSJS
=== Responsible Party ===
Company Name:ALUMINUM CO OF AMERICA,POWDER DIVISION.
Address:HIGHWAY 79
Box:472
City:ROCKDALE
State:TX
ZIP:76567
Country:US
Info Phone Num:412-553-2
881
Emergency Phone Num:412-553-4001
CAGE:8H224
=== 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,POWDER DIVISION.
Address:HIGHWAY 79
Box:472
City:ROCKDALE
State:TX
ZIP:76567
Country:US
Phone:412-553-4001
CAGE:8H224

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

Ingred Name:ALUMINUM (SARA 313)
CA

S:7429-90-5
RTECS #:BD0330000
Fraction by Wt: 99.7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 DUST
ACGIH TLV:10 MG/M3 DUST; 9596

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT RELEVANT.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, RESPIRATORY TRACT.
HEALTH HAZARDS ARE DUE TO DUSTS/FUMES. ACUTE- EYE:MAY CAUSE
MECHANICAL IRRITATION. SKIN:NONE. INHALE:LOW HEALTH RISK BY
INHALATION. DUSTS MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION.
ORAL:UNLIKELY. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH
AIR. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN.
SKIN:FLUSH THOROUGHLY WITH WATER. ORAL
:UNLIKELY.

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

Flash Point:NONE
Extinguishing Media:SMOTHER WITH DRY SAND, GRAPHITE, CLASS D
EXTINGUISHERS. DON'T USE WATER, FOAM, HALOGENATED
EXTINGUISHERS/CARBON DIOXIDE.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. WEAR FIRE GLASSES. PREVENT
WATER CONTACT WITH MOLTEN METAL.
Unusual Fire/Explosion Hazard:DUST FORMS EXPLOSIVE MIXTURE WITH AIR.
FINE POWDER, THIN SHEETS, CHIPS AND TURNINGS ARE EASILY IGNITED AND
BURNS. MOLTEN METAL MAY REACT VIOLENTLY WITH WATER.

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

Spill Release Procedures:USE APPROPRIATE SAFETY EQUIPMENT. CLEAN UP
USING NON-SPARKING TOOLS. NO SMOKING/OPEN FLAME. RECOVER FOR USE IF
NOT CONTAMINATED. PICK UP SPILL WITH NON-SPARKING SHOVEL. PLACE
CAREFULLY IN DRY, WATER-TIGHT CONTAINERS. SEAL CONTAINERS.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN DRY PLACE. STORAGE ROOMS MUST BE OF FIRE-RESISTANT CONSTRUCTION. KEEP COMBUSTIBLE MATERIALS AWAY. SMOKING IS PROHIBITED.

Other Precautions:AVOID CREATING DUSTS. AVOID EYE/SKIN CONTACT. AVOID INHALATION OF DUST/FUME. KEEP OUT OF REACH OF SMALL CHILDREN. PROVIDE GROUNDING AND BONDING WHERE NECESSARY TO PREVENT ACCUMULATION OF STATIC CHARGES DURING HANDLING AND TRANSFER OPERATIONS

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF DUSTY CONDITIONS PREVAIL, WORK IN VENTILATION HOOD OR WEAR NIOSH-APPROVED DUST RESPIRATOR.

Ventilation:ADEQUATE

Protective Gloves:FIRE-RESISTANT

Eye Protection:CHEMICAL SAFETY GLASSES, FIRE GLASSES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, FIRE-RESISTANT CLOTHING AND/OR UNIFORM, ELECTRICALLY CONDUCTIVE SAFETY SHOES

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:R2

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:1195F-1215F

Spec Gravity:NOT RELEVANT

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSOLUBLE

Appearance and Odor:DULL GRAY, FINELY DIVIDED POWDER - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

ACIDS, WATER, CHLORINE, BROMINE, IODINE, HALOGENATED HYDROCARBONS INCLUDING HALOGENATED FIRE EXTINGUISHING AGENTS

Stability Condition to Avoid:HEAT, MOISTURE, FLAME (DANGEROUS WHEN WET).

Hazardous Decomposition Products:MAY FORM ALUMINUM OXIDE AND ALUMINUM NITRIDE

==== Disposal Considerations =====

Waste Disposal Methods:DISPOSE

OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS. DISPOSE OF IN AN APPROVED INCINERATOR OR
IN AN APPROVED CHEMICAL LANDFILL OR CONTRACT WITH A LICENSED WASTE
DISPOSAL FACILITY.

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