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## ALCAN-TOYO AMERICA,INC. -- ATOMIZED ALUMINUM POWDER -- 6810-00-628-3382

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

Product ID:ATOMIZED ALUMINUM POWDER

MSDS Date:06/01/1990

FSC:6810

NIIN:00-628-3382

MSDS Number: BPFYP === Responsible Party ===

Company Name: ALCAN-TOYO AMERICA, INC.

Address:17401 ROUTE 53

City:LOCKPORT

State:IL ZIP:60441 Country:US

Info Phone Num:815-740-3000

Emergency Phone Num:815-740-3000

/CHEMTREC 800-424-9300

CAGE:76424

=== Contractor Identification ===

Company Name: ALCAN-TOYO AMERICA INC AFFIL OF ALCON ALUMINUM CORP

Address:1717 N NAPER BLVD SUITE 201

Box:City:NAPERVILLE

State:IL ZIP:60540 Country:US

Phone:708-505-2160

CAGE:76424

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

Ingred Name:ALUMINUM.OSHA PEL IS FOR TOTAL DUST.OSHA PEL 5 MG(AL)/M3 RESP DUST.ACGIH TLV IS FOR METAL DUST.

CAS:7429-90-5

RTECS #:BD0330000 Fraction by Wt: 100% Other REC Limit

s:N/K

OSHA PEL:15 MG(AL)/M3 ACGIH TLV:10 MG(AL)/M3

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

LD50 LC50 Mixture: N/K

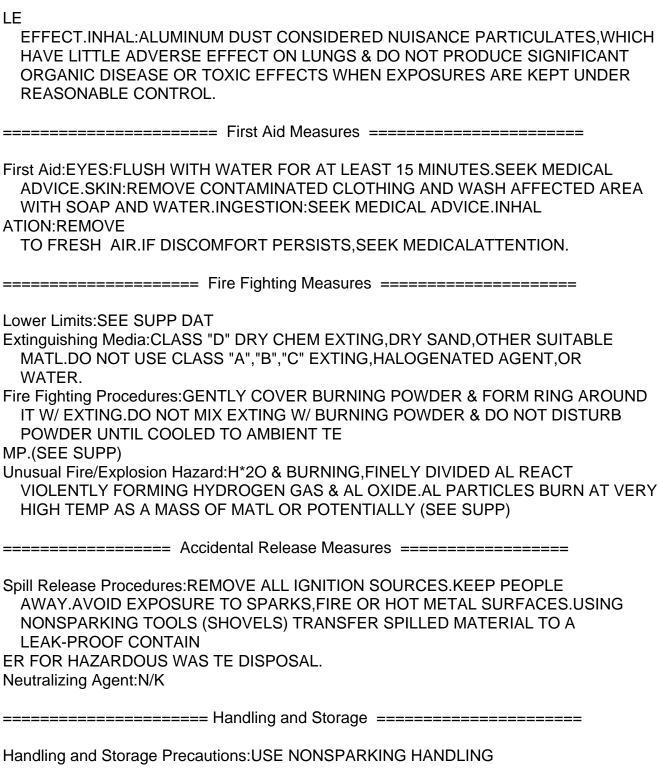
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic: SEE SIGNS AND SYMPTOMS OF

OVEREXPOSURE.

**Explanation of Carcinogenicity: NONE** 

Effects of Overexposure:EYES:DUST MAY CAUSE ABRASION.SKIN:DUST MAY CAUSE IRRITATION ON REPEATED CONTACT.INGEST:DUST HAS NEGLIGIB



EQUIPMENT.COVER & RESEAL PARTIALLY EMPTY CONTRS.KEEP COMPLETELY DRY.STORAGE AREAS MUST BE OF FIRE RESISTANT CONSTRUCTION.

Other Precautions: SEE ALUMINUM ASSOCIATION BULLETIN TR-2 FOR FURTHER INFORMATION.

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

Respiratory Protection: USE S

UPPLIED AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES IF NEEDED. Ventilation: LOCAL EXHAUST, EXPLOSION PROOF, MINIMUM FACE VELOCITY OF 60 FPM.NO SMOKING OR OPEN LIGHTS. Protective Gloves: CHEMICAL RESISTANT GLOVES. Eye Protection: GOGGLES Other Protective Equipment: USE CHEMICAL RESISTANT APRON TO AVOID PROLONGED OR REPEATED SKIN CONTACT. Work Hygienic Practices: N/K Supplemental Safety and Health LEL:30 OZ/1000 CUBIC FT. FIRE FIGHTING PROCEDURES:AT NO TIME ALLOW **DUST CLOU** DS TO FORM.EXPLOSION HAZARDS:EXPLOSIVE IF LOOSENED AND DISPERSED IN AIR. ======== Physical/Chemical Properties =========== HCC:R2 Boiling Pt:B.P. Text:2467C,4473F Melt/Freeze Pt:M.P/F.P Text:660C,1220F Decomp Temp:Decomp Text:N/K Vapor Density:N/K Spec Gravity:2.7 (WATER=1) Solubility in Water:NONE Appearance and Odor: DULL GRAY TO METALLIC SILVER POWDER WITH NO ODOR. ======== Stability and Reactivity Data =========== Stability Indicator/Materials to Avoid:YES WATER, ACIDS, ALKALIES, CHLORINATED HYDROCARBONS AND STRONG OXIDIZERS. Stability Condition to Avoid: HEAT, SPARKS, OPEN FLAME. Hazardous Decomposition Products: ALUMINUM REACTS WITH WATER, ACID OR

ALKALIES TO FORM COMBUSTIBLE HYDROGEN GAS.

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

Waste Disposal Methods: DISP MUST BE IAW FED, STATE, & LOCAL REGS.COORDINATION WITH SUPPORTING INSTALLATION/MACOM ENVIRONMENTAL COORDINATION PRIOR TO DISP IS REC TO DETERM APPROPR

## IATE DISP METHODS .DISPOSE OF IN APPROVED HAZARDOUS WASTE LANDFILL.

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