

ALCAN-TOYO AMERICA,INC. -- ATA 201G CONVENTIONAL POWDER, ATOMIZED ALUM --  
6810-01-228-1269

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

Product ID:ATA 201G CONVENTIONAL POWDER, ATOMIZED ALUM

MSDS Date:04/11/1991

FSC:6810

NIIN:01-228-1269

MSDS Number: BPMLR

=== 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

Preparer's Name:DRR

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

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

Ingred Name:ALUMINUM (SARA III)

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA

PEL:15MG/M3 DUST/5 FUME  
ACGIH TLV:10MG/M3 DUST; 9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-EYES: MAY CAUSE ABRASION. SKIN:  
IRRITATION ON REPEATED CONTACT. INHALATION: NUISANCE. LITTLE  
ADVERSE EFFECTS ON LUNGS WHEN EXPOSURES ARE KEPT UNDER CONTROL.  
INGESTION: NEGLIGIBLE EFFECTS. CHRONI C-NOT KNOWN.

Effects  
of Overexposure:MECHANICAL IRRITATION OF EYES, SKIN, THROAT AND  
RESPIRATORY TRACT.  
Medical Cond Aggravated by Exposure:SUPPLIER LEFT THIS FIELD BLANK.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. EYES: IMMEDIATELY FLUSH WITH  
WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. SKIN: REMOVE  
CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. INGESTION:  
GET MEDICAL HELP.

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

Flash Point Method:TCC  
Lower Limits:2.0  
Upper Limits:12.0  
Extinguishing Media:CLASS D DRY CHEMICAL EXTINGUISHING AGENT. \*\*DO NOT  
USE CLASS A, B,OR C AGENTS!\*\* DO NOT ALLOW A DUST CLOUD TO FORM!  
Fire Fighting Procedures:GENTLY COVER BURNING POWDER AND FORM A RING  
AROUND IT WITH EXTINGUISH AGENT. DO NOT DISTURB UNTIL COOLED TO  
AMBIENT. DO NOT ALLOW A DUSTY CLOUD TO FORM,  
Unusual Fire/Explosion Hazard:THIS MATERIAL IS POTENTIALLY EXPLOSIVE  
WHEN LOOSENED AND DISP  
ERSED IN AIR. REFER TO ALUMINUM ASSOCIATION  
BOOKLET TR-2.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. EVACUATE  
AREA. AVOID EXPOSURE TO SPARKS, FIRE OR HOT METAL SURFACES. USING  
NON-SPARKING TOOLS, TRANSFER SPILLED MATERIAL TO A LEAK-PROOF  
CONTAINER FOR HAZARDOUS DISP OSAL.  
Neutralizing Agent:NO INFORMATION GIVEN BY MFR ON THE MSDS.

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

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Handling and Storage Precautions:STORAGE-STORE IN COOL, DRY AREA WITH VENTILATION WUITABLE FOR STORING FLAMMABLE METAL POWDERS.

Other Precautions:NONE

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

Respiratory Protection:USE SUPPLIED AIR RESPIRATOY PROTECTION IN CONFINED OR ENCLOSED SPACES IF NEEDED.

Ventilation:LOCAL EXHAUST, EXPLOSION-PROOF, MINIMUM FACE VELOCITY OF 60 80 F.P.M. NO SMOKING OR OPEN LIGHTS.

Protective Gloves:CHEMICALLY RESISTANT GLOVES

Eye Protection:SUPPLIER LEFT THIS FIELD BLANK.

Other Protective Equipment:CHEMICALLY RESISTANT APRON TO AVOID PROLONGED OR REPEATED SKIN CONTACT.

Work Hygienic Practices:WASH HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED AREAS ONLY. USE NON-SPARKING HANDLING EQUIPMENT.

Supplemental Safety and Health

COVER AND RESEAL PARTIALLY EMPTY CONTAINERS. KEEP COMPLETELY DRY. STORAGE AREAS MUST BE OF FIRE RESISTANT CONSTRUCTION. SEE THE ALUMINUM ASSOCIATION BULLETIN TR-2 FOR FURTHER IN FORMATION.

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

HCC:F8

NRC/State Lic Num:NONE

Vapor Density:>1

Spec Gravity:POWDER

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Solubility in Water:NONE

Appearance and Odor:SILVERY GRAY POWDER - NO ODOR

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, WATER, ACIDS, ALKALIES AND CHLORINATED HYDROC

ARBONS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES, SPARKS AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:ALUMINUM REACTS WITH WATER, ACIDS OR ALKALIES TO FORM COMBUSTIBLE HYDROGEN GAS.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:DISPOSE OF IN APPROVED HAZARDOUS WASTE LANDFILL.

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