

TOYAL AMERICA, INC -- ATA X-85 SPHERICAL POWDER -- 6810-01-228-1269

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Product Identification
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Product ID:ATA X-85 SPHERICAL POWDER

MSDS Date:02/01/2000

FSC:6810

NIIN:01-228-1269

Status Code:A

MSDS Number: CKTDN

=== Responsible Party ===

Company Name:TOYAL AMERICA, INC

Address:17401 SOUTH BROADWAY

City:LOCKPORT

State:IL

ZIP:60441

Country:US

Info Phone Num:815-740-3000

Emergency Phone Num:

800-424-9300

Preparer's Name:DRR

Chemtrec Ind/Phone:(800)424-9300

CAGE:UO030

=== 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

Contract Num:SP0450-00-M-SJ39

CAGE:76424

Company Name:TOYAL AMERICA, INC

Address:17401 SOUTH BROADWAY

Box:City:LOCKPORT

State:IL

ZIP:60441

Country:US

Phone:815-740-3000

CAGE:UO030

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Composition/Information

on Ingredients =====

Ingred Name:ALUMINUM
CAS:7429-90-5
RTECS #:BD0330000
< Wt:100.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ALUMINUM DUSTS ARE CONSIDERED NUISANCE
PARTICULATES, WHICH HAVE LITTLE ADVERSE EFFECT ON LUNGS AND DO NOT
PRODUCE SIGNIFICANT ORGANIC DISEASE O
R TOXIC EFFECTS WHEN EXPOSURES
ARE KEPT UNDER CONTROL. SK IN CONTACT: ALUMINUM DUST MAY CAUSE
IRRITATION ON REPEATED CONTACT. EYE CONTACT: ALUMINUM DUST MAY
CAUSE ABRASION. INGESTION: ALUMINUM DUST HAS NEGLIGIBLE EFFECT.
Explanation of Carcinogenicity:NOT A KNOWN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:ALUMINUM DUSTS ARE CONSIDERED NUISANCE
PARTICULATES, WHICH HAVE LITTLE ADVERSE EFFECT ON LUNGS AND DO NOT
PRODUCE SIGNIFICANT ORGANIC DISEASE OR TOXIC EFFECTS WHEN EXP
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CAUSE ABRASION. INGESTION: ALUMINUM DUST HAS NEGLIGIBLE EFFECT.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF DISCOMFORT PERSIST, SEEK
MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND
WASH AFFECTED AREA OF SKIN WITH SOAP AND WATER. EYE CONTACT: FLUSH
WITH
W ATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ADVICE.
INGESTION: SEEK MEDICAL ADVICE.

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

Flash Point Method:TCC
Lower Limits:2.0%
Upper Limits:12.0%
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM.
Fire Fighting Procedures:GENTLY COVER THE BURNING POWDER AND FORM A
RING AROUND IT WITH THE EXTINGUISHING AGENTS RECOMMENDED. DO NOT
ACTUALLY MIX THE AGENT WITH THE BURNING POWDER AND DO NOT DISTURB
THE POWDER

UNTIL IT COOLS TO AMBIENT TEMPERATURE. AT NO TIME

ALLOW DUST CLOUDS TO BE FORMED.

Unusual Fire/Explosion Hazard:CLASS "D" DRY CHEMICAL EXTINGUISHING AGENT OR OTHER SUITABLE EXTINGUISHING MATERIAL SUCH AS DRY SAND. DO NOT USE CLASS "A", "B", OR "C" EXTINGUISHERS OR HALOGENATED AGENTS. DO NOT USE WATER. WATER & BURNING FINELY DIVIDED ALUMINUM REACT VIOLENTLY FORMING HYDROGEN GAS & ALUMINUM OXIDE. (SEE "OTHER INFORMATION" FIELD.)

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

Spill Release Procedures:REMOVE ALL IGNITION SOURCES. KEEP PEOPLE AWAY. AVOID EXPOSURE TO SPARKS, FIRE OR HOT METAL SURFACES. USING NON-SPARKING TOOLS, TRANSFER SPILLED MATERIAL TO A LEAKPROOF CONTAINER FOR HAZARDOUS DISPOSAL .

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

Handling and Storage Precautions:STORE IN A COOL DRY AREA WITH VENTILATION SUITABLE FOR STORING MATERIALS. USE NON-SPARKING HANDLING EQUIPMENT. COVER AND RESEAL PARTIALLY EMPTY CONTAINERS. KEEP COMPLETELY DRY. STORAGE AREAS MUST BE OF FIRE RESISTANT CONSTRUCTION. SEE ALUMINUM ASSOCIATION BULLETIN TR-2 FOR FURTHER INFORMATION.

Other Precautions:"EMPTY" CONTAINERS MAY RETAIN RESIDUES, AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE CONTAINER TO HEAT, FLAME, SPARKS, SOURCES OF IGNITION; THEY MAY EXPLODE. ALL CONTAINERS SHOULD BE DISPOSED OF IN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH REGULATIONS.

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

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

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

Protective Gloves:USE CHEMICAL RESISTANT GLOVES.

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

Work Hygienic Practices:WASH HANDS BEFORE EATING

G OR SMOKING. SMOKE IN
DESIGNATED AREAS ONLY.
Supplemental Safety and Health

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

HCC:R2

Vapor Density:>AIR

Spec Gravity:2.7 WATER=1,(22.5 LB/GAL

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Solubility in Water:NONE

Appearance and Odor:GREY POWDER; NO ODOR.

Percent Volatiles by Volume:0.0%

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

Stability Indicator/Materials to Avoid:YES

WATER, ACIDS

, ALKALIS, CHLORINATED HYDROCARBONS AND STRONG OXIDIZERS.

Stability Condition to Avoid:THIS PRODUCT IS STABLE UNDER NORMAL
STORAGE CONDITIONS. AVOID HEAT, SPARKS, OPEN FLAMES.

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

Conditions to Avoid Polymerization:WILL NOT OCCUR UNDER NORMAL
CONDITIONS.

===== Ecological Information =====

Ecological:THIS PRODUCT DOES NOT CONTAIN ANY OZONE DEP
LETING CHEMICAL

EITHER AS COMPONENTS OR INCIDENTALLY INTRODUCED.

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

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

===== Regulatory Information =====

SARA Title III Information:THIS PRODUCT CONTAINS ONE OR MORE MATERIALS
SUBJECTED TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE
EMERGENCY PLANNING AND THE RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR
372.

SECTION 302: NO PRODUCTS LISTED. SECTION 313: ALUMINUM (AS A FUME OR DUST) CAS # 7429-90-5 IS LISTED IN THIS SECTION.

Federal Regulatory Information: USA TSCA, CANADIAN DSL, EINICS, ICS: ALL COMPONENTS OF THIS PRODUCT ARE ON THESE LISTS AND IDENTIFIED BY THE CAS NUMBERS ON THIS MSDS FOR THE INDIVIDUAL PRODUCTS. CONEG: THIS PRODUCT MEETS THE REQUIREMENTS OF THE CONEG RULING. IF SPECIFIC DATA IS REQUIRED IT CAN BE SUPPLIED UPON REQUEST.

State Regulatory Information: CALIFORNIA
PROP 65: NONE OF THE COMPONENTS OF THIS PRODUCT CONTAIN ANY OF THE CHEMICALS LISTED.

===== Other Information =====

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