

ALCAN ALUMINUM CORPORATION -- ALUMINUM -- 5865-00-084-9165

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

Product ID:ALUMINUM
MSDS Date:08/08/1997
FSC:5865
NIIN:00-084-9165
MSDS Number: CFVWW
=== Responsible Party ===
Company Name:ALCAN ALUMINUM CORPORATION
Address:100 ERIEVIEW PLAZA
City:CLEVELAND
State:OH
ZIP:44114
Country:US
Info Phone Num:216-523-6800
Emergency Phone Num:812-466-2241 OR 502-521-7811
CAGE:
01371
=== Contractor Identification ===
Company Name:ALCAN ALUMINUM CORP
Address:100 ERIEVIEW PLAZA
City:CLEVELAND
State:OH
ZIP:44114
Country:US
Phone:216-523-8230
CAGE:01371

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

Ingred Name:ALUMINUM (SARA 313)
CAS:7429-90-5
RTECS #:BD0330000
Fraction by Wt: 99-99.9%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 DUST
ACGIH TLV:10 MG/M3 DUST; 9596

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

LD50 LC

50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:ALUMINUM DUSTS ARE CONSIDERED NUISANCE PARTICULATES, WHICH HAVE LITTLE ADVERSE EFFECTS ON LUNGS & DO NOT PRODUCE SIGNIFIGANT ORGANIC DISEASE OR TOXIC EFFECT WHEN EXPOSURES ARE KEPT UNDER CONTROL. ALUM INUM FUMES GENERATED IN MELTING OR WELDING ARE CONSIDERED TO BE A LOW HEALTH RISK.

Explanation of C

arcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%

OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:EYES-ABRASIONS. NOTE: MIG WELDING OR PLASMA ARC CUTTING OR ALUMINUM ALLOYS CAN GENERATE OZONE, NITRIC OXIDES, UV RADIATION. OZONE EXPOSURE MAY RESULT IN MUCOUS MEMBRANE IRRITATION, AS WELL AS OTHER PU LMONARY DISCOMFORTS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====
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First Aid:EYES-FLUSH WITH SALINE SOLUTION OR WATER TO IRRIGATE THE EYE TO REMOVE FIBER. SKIN-REMOVE CLOTHING. FLUSH WITH WATER THEN WASH WITH SOAP & WATER. INHALATION-REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, S EE A PHYSICIAN. INGESTED-NONE NOTED.

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

Flash Point:NONE

Extinguishing Media:NOT A FIRE HAZARD EXCEPT IN FINLEY DIVIDED FORM.USE CLASS D DRY POWDER OR DRY SAND.DO NOT USE WATER OR HALOGE NATED MEDIA

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR. DO NOT USE WATER OR HALOGENATED MEDIA.

Unusual Fire/Explosion Hazard:MOLTEN ALUMINUM MAY EXPLODE UPON CONTACT W/WATER.FINELY DIVIDED ALUMINUM MAY EDXPLODE WHEN MIXED WITH HALOGENATED ACIDS,HALOGENATED SOLVENTS,AMMONIUM NITRATE.

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

Spill Release Procedures:NOT APPLICABLE.

Neutralizing Agent:NONE

SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:APPROPRIATE RESPIRATORY PROTECTION FOR
CONCENTRATIONS ABOVE THE EXPOSURE LIMITS.
Ventilation:IF VENTILATION IS TO BE USED TO CONVEY FINELY DIVIDED
ALUMINUM GENERATED, SPECIAL VENTILATION
MAY REQUIRED-NFPA 65/651.
Protective Gloves:NON-POROUS GLOVES.
Eye Protection:SAFETY GOGGLES.
Other Protective Equipment:LIGHT COTTON SMOCK OR LONG SLEEVED SHIRT.
Work Hygienic Practices:GOOD PERSONAL HYGIENE.
Supplemental Safety and Health

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

HCC:N1
Melt/Freeze Pt:M.P/F.P Text:900F,482C
Spec Gravity:>2.5
Appearance and Odor:GREY TO SILVERY METALLIC SOLID; NO ODOR.
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:NO
HALOGEN ACIDS, SODIUM HYDROXIDE, BROMATES, IODATES, AMMONIUM NITRATE.
Stability Condition to Avoid:AVOID CONTACT WITH IMCOMPATIBLE MATERIALS.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:RECYCLE. FINELY DIVIDED ALUMINUM MAY BE REACTIVE
& ITS HAZARD CHARACTERISTICS SHOULD BE DETERMINED PRIOR TO
DISPO

SAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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