

ACI CHEMICALS, INC. -- ALUMIBOND 1200 -- 8030-00-663-9847

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Product Identification
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Product ID:ALUMIBOND 1200

MSDS Date:01/01/1989

FSC:8030

NIIN:00-663-9847

MSDS Number: BKDDR

=== Responsible Party ===

Company Name:ACI CHEMICALS, INC.

Address:140 INDUSTRIAL ST

City:LANCASTER

State:TX

ZIP:75134-5000

Info Phone Num:214-227-2241

Emergency Phone Num:214-227-2241

CAGE:ACICH

=== Contractor Ide

ntification ===

Company Name:ACI CHEMICALS, INC

Address:140 INDUSTRIAL STREET

City:LANCASTER

State:TX

ZIP:75134

Country:US

Phone:214-227-2241/FAX 214-227-7943

CAGE:ACICH

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Composition/Information on Ingredients
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Ingred Name:CHROMIC ACID (CHROMIUM TRIOXIDE, CRO3) *97-2*

CAS:7738-94-5

RTECS #:GB2450000

Fraction by Wt: 40-60%

OSHA PEL:0.1 MG/CUM AS CR03

ACGIH TLV:0.05 MG/CUM AS CR

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:POTASSIUM FERRICYANIDE

CAS:13746-66-2

RTECS #:LJ8225000
Fraction by Wt: 5-15%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INHALATION: MAY CAUSE NASAL SEPTUM &
RESPIRATORY TRACT IRRITATION. EYES: MAY CAUSE IRRITATION,
CONJUNCTIVITIS. INGESTION: HARMFUL, KIDNEY FAILURE, DEATH.
Explanation of Carcinogenicity:SEE INGREDIENTS.
Effects of Overexposure:IRRITATI
ON.

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

First Aid:EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & PLENTY
OF WATER. INHALATION: REMOVE TO FRESH AIR. IF CONSCIOUS, IRRIGATE
NASAL PASSAGES & MOUTH W/WATER. INGESTION: NEVER GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUS PERSON. GIVE LARGE QUANTITIES OF WATER,
THEN INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE
TO PHYSICIAN: GIVE ASCORBIC ACID BY IV TO PREVENT RENAL FAILURE.

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

Extinguishing Media:WATER FOG, DRY CHEMICAL, CO2.
Fire Fighting Procedures:WEAR A SCBA.
Unusual Fire/Explosion Hazard:UNDER FIRE CONDITIONS, DECOMPOSING
MATERIAL MAY FORM A HOT VISCOUS FOAM.

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

Spill Release Procedures:REMOVE AS MUCH AS POSSIBLE. THEN TREAT AREA
W/SODIUM BISULFITE, SODIUM SULFITE, SULFUR DIOXIDE, FERROUS
SULFITE/FERROUS CHLORIDE TO CONVE
RT HEXAVALENT CHROME TO TRIVALENT
FORM. NETURALIZE REDUCED CHRO ME TO A PH OF 7.5. (SEE SUPP)
Neutralizing Agent:WEAK BASE, SODA ASH, LIME.

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

Handling and Storage Precautions:WEAR APPROPRIATE SAFETY EQUIPMENT WHEN
HANDLING THIS PRODUCT. DON'T STORE IN AREAS OF HIGH HUMIDITY.
Other Precautions:ADHERE TO ALL DOT LABELS ON EMPTY DRUMS AS RESIDUE &
VAPORS WILL STILL BE PRESENT. STORE IN TIGHTLY CLOSED CONTAINERS
AWAY

FROM SOURCES OF HEAT.

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

Respiratory Protection:USE A NIOSH/MSHA APPROVED RESPIRATOR WHERE DUSTS, MISTS, FUMES/VAPORS MAY BE GENERATED.
Ventilation:LOCAL EXHAUST: ADEQUATE WHERE DUSTS/FUMES ARE GENERATED.
Protective Gloves:NEOPRENE
Eye Protection:FACESHIELD, CHEMICAL GOGGLES
Other Protective Equipment:PROTECTIVE GARMENTS
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING. (SEE SUPP)
Supplemental Safety and Health
SPILLS: SOAK UP W/AN INERT ABSORBENT MATERIAL SUCH AS SAND. PLACE IN A CLOSED CONTAINER. NEVER FLUSH TO SEWER. WORK HYGIENIC PRACTICES: DISCARD SHOES THAT CAN'T BE DECONTAMINATED.

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

HCC:D4
pH:1.81
Solubility in Water:COMPLETE
Appearance and Odor:DARK RED POWDER W/SLIGHT ODOR.

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

Stability Indicator/
Materials to Avoid:YES
STRONG OXIDIZING AGENT, ORGANIC MATERIAL.
Stability Condition to Avoid:HIGH HUMIDITY, SOURCES OF HEAT.
Hazardous Decomposition Products:HIGHLY TOXIC FUMES.

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

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS. WASH DOWN EQUIPMENT W/LARGE AMOUNTS OF WATER & DISPOSE OF RESULTANT RESIDUE, EMPTY CONTAINERS IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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s information by the compiling agencies):

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