

ACI CHEMICAL, INC. -- ALUMIBOND 1200 -- 8030-00-057-2354

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Product Identification
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Product ID:ALUMIBOND 1200
MSDS Date:05/22/1996
FSC:8030
NIIN:00-057-2354
MSDS Number: CDXPV
=== Responsible Party ===
Company Name:ACI CHEMICAL, INC.
Address:140 INDUSTRIAL ST
City:LANCASTER
State:TX
ZIP:75134
Country:US
Info Phone Num:214-227-2241
Emergency Phone Num:800424-9300 (CHEMTREC)
Preparer's Name:
DIANNE E. PATTERSON
CAGE:DO004
=== Contractor Identification ===
Company Name:ACI CHEMICAL, INC.
Address:140 INDUSTRIAL ST.
Box:City:LANCASTER
State:TX
ZIP:75134
Phone:800-424-9300
CAGE:DO004

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Composition/Information on Ingredients
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Ingred Name:CHROMIC ACID
CAS:7738-94-5
Fraction by Wt: 40-60%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.5 MG/M3
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:POTASSIUM FERRICYANIDE
CAS:13746-66-2
RTECS #:LJ822

5000
Fraction by Wt: 5-15%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM FLUORIDE (CERCLA)
CAS:7681-49-4
RTECS #:WB0350000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2.5 MG/M3
ACGIH TLV:2.5 MG/ M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:POTASSIUM FLUOZIRCONATE
CAS:16923-95-8
RTECS #:ZH7028400
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2.5 MG/M3
ACGIH TLV:2.5 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MISCELLANEO
US NON-HAZARDOUS INGREDIENTS
Fraction by Wt: 15-45%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYE: CORROSION, SEVERE BURNS, ULCERS.
SKIN: CORROSION, SEVERE BURNS, ABSORPTION, POISONING, ULCERS.
INGEST: POISONING, SEVERE GASTRIC PAIN, IN
TERNAL BLEEDING, BURNS,
TISSUE DAMAGE, DEATH. INHAL: SEVER E BURNS.
Explanation of Carcinogenicity:THIS PRODUCT IS LISTED BY NTP, IARC, &
OSHA.
Medical Cond Aggravated by Exposure:EYES/SKIN DISORDERS, DAMAGE TO
MUCOUS MEMBRANES.

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

First Aid:EYE: FLUSH IMMED W/WATER >15 MINS, GET MED AID IMMED. SKIN:
WASH W/SOAP & WATER, REMOVE CONTAM CLOTHES/SHOES, GET MED AID
IMMED. INHAL: GET FRESH AIR, IF BREATHING STOPS

GIVE ARTIFICIAL

RESUSCITATION. INGEST: DO NOT INDUCE VOMIT, GET MED AID IMMED.

CAUTION: INHALED CORROSIVE DUST MAY BE TRANSMITTED DURING RESUSCITATION.

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

Flash Point:NA

Autoignition Temp:Autoignition Temp Text:NA

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:DRY POWDER, DRY CHEMICAL.

Fire Fighting Procedures:USE FULLFACE AIR SUPPLIED POSITIVE PRESSURE RESPIRATORY DEVICE.

Unusual Fire/Explosion Hazard:CONT

AINS A STRONG OXIDIZER, AVOID CONTACT

W/ORGANIC MATERIALS. PRODUCT REACTS W/ACIDS & CAN LIBERATE TOXIC HCN GAS WHICH FORMS EXPLOSIVE MIXTURES W/AIR.

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

Spill Release Procedures:CAREFULLY SHOVEL/SWEEP INTO CLOSED METAL CONTAINER, MINIMIZE DUSTING. FOR LIQUID: DIKE, ABSORB THEN SHOVEL, SWEEP INTO CLOSED METAL CONTAINER. REMOVE ALL VISIBLE SPILLED MATERIAL. RQ FOR CHROMIC ACID 10 LBS.

Neutralizing Agent:LIME SLU

RY, SODA ASH OR OTHER ALKALI.

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

Handling and Storage Precautions:STORE IN DRY, WELL VENTED AREA AWAY FROM HEAT & STRONG ALKALIS, KEEP CLOSED WHEN NOT IN USE, DO NOT RECYCLE/REUSE CONTAINER. WEAR PROTECTIVE *

Other Precautions:NK * EQUIPMENT, KEEP AWAY FROM FOOD.

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

Respiratory Protection:MSHA/NIOSH APPROVED FILTER TYPE RESPIRATOR IN ACCORDANCE W/29CFR

, 1910.134

Ventilation:MAINTAIN CONCENTRATIONS