

ACI CHEMICAL, INC. -- ALUMIBOND 1200 -- 8030-00-720-9739

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Product Identification  
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Product ID:ALUMIBOND 1200  
MSDS Date:05/22/1996  
FSC:8030  
NIIN:00-720-9739  
MSDS Number: CDXTD  
=== 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 UNDER 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 STO

PS 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:C

CONTAINS 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. USE PROPER PROTECTIVE

EQUIPMENT.

Neutralizing Agent:LIME SLURRY, 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