

AMCHEM PRODUCTS INC -- ALODINE 1200 -- 8030-00-663-9847

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Product Identification
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Product ID:ALODINE 1200

MSDS Date:06/18/1986

FSC:8030

NIIN:00-663-9847

MSDS Number: BFKHD

=== Responsible Party ===

Company Name:AMCHEM PRODUCTS INC

Address:300 BROOKSIDE AVENUE

City:AMBLER

State:PA

ZIP:19002

Country:US

Info Phone Num:215-628-1000

Emergency Phone Num:800-521-6895

Preparer's Name:CHARLES GRU

SZKA

CAGE:GO947

=== Contractor Identification ===

Company Name:AMCHEM PRODUCTS INC

CAGE:GO947

Company Name:PARKER-AMCHEM/HENKEL CORPORATION

Address:32100 STEPHENSON HIGHWAY

Box:City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Phone:1-517-263-9430 CHEM EMER18004249300

CAGE:84063

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Composition/Information on Ingredients
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Ingred Name:CHROMIUM (VI) OXIDE (1:3); (CHROMIC ACID)

CAS:1333-82-0

RTECS #:GB6650000

Fraction by Wt: 20-30%

Other REC Limits:0.05 MG/M3 (CR)

OSHA P

EL:0.1 PPM, C
ACGIH TLV:0.5 MG/M3 (CR)

Ingred Name:FERRATE (3-), HEXACYANO-, TRIPOTASSIUM; (POTASSIUM
FERRICYANIDE)
CAS:13746-66-2
RTECS #:LJ8225000
Fraction by Wt: 15-20%
ACGIH TLV:5 MG/M3, S (CN)

Ingred Name:ZIRCONATE (2-), HEXAFLUORO-, DIPOTASSIUM; (POTASSIUM
FLUOZIRCONATE) (SARA III)
CAS:16923-95-8
RTECS #:ZH7028400
Fraction by Wt: 10-15%
ACGIH TLV:2.5 MG/CUM, (F)
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BORATE (1-), TETRAFLUORO-, SODIUM; (SODIUM FLUOBORATE)
CAS:1375
5-29-8
RTECS #:ED2975000
Fraction by Wt: 30-40%

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYE/SKIN:WILL BURN. INGEST:WILL BURN
MUCOUS MEMBRANES. INHAL:DUST CAN CAUSE IRRITATION & ULCERS OF NASAL
SEPTUM.
Explanation of Carcinogenicity:CHROMIC ACID:NTP KNOWN CARCINOGE
N, IARC
GRP 1, ACGIH GRP A2.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN:WASH W/SOAP & WATER & RINSE THORO. EYES:FLUSH IMMED
W/COPIOUS AMTS OF WATER FOR AT LST 15 MINS. CALL MD. INGEST:DRINK
MILK OF MAGNESIA, ALUMINUM HYDROXIDE GEL OR LIMEWATER FOLLOWED BY
SEVERAL GLA SSES OF WATER. CALL MD. DO NOT INDUCE VOMIT UNLESS
DIRECT

ED BY MD. INHAL:REMOVE FROM CONTAM AREA TO FRESH AIR. ANY EXPOSED PERSON W/ANY RESP DFCLTY SUCH AS COUGH, CHEST PAIN, BRTHG DFCLTY, (SUPP DATA)

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

Flash Point:NONE

Extinguishing Media:WATER.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:DO NOT ALLOW POWDER TO COME IN CONTACT W/ ORGANIC MATLS SUCH AS SAWDUST, RAGS, PAPER, ETC. IF PRODUCT HEATED TO DECOMP, TOXIC CYANIDE FUMES MAY BE EMITTED.

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

Spill Release Procedures:TRANSFER ANY EXCESS TO A CLEAN POLYETHYLENE CONTAINER. TREAT REMAINING RESIDUE W/DILUTE SOLUTION OF SODIUM METABISULFITE TO REDUCE CHROME. NEUTRALIZE W/LIME TO PH 7-8.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP SEPARATE FROM ORGANIC MATERIALS &

REDUCING AGENTS. DO NOT BREATHE DUST OR GET IN EYES OR ON SKIN. DO NOT OPEN CONTAINER IN AN UNVENTILATED SPACE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED FILTER-TYPE DUST RESPIRATOR.

Ventilation:LOCAL EXHAUST.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:EMERGENCY EYE WASH & DELUGE SHOWER . APRON. W

ork Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC:DIZZ, FATG, ETC, SHOULD BE EXAMINED BY MD & MD MADE AWARE OF WHAT MATLS INDIVIDUAL WAS EXPOSED TO.

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

HCC:D4

Solubility in Water:APPRECIABLE

Appearance and Odor:DARK ORANGE POWDER, BLAND ODOR.

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

Stability Indicator/Materials to Avoid:YES
ORGANIC MATLS, REDUCI

NG AGENTS, STRONG ACIDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SOME HYDROGEN FLUORIDE, HYDROGEN CYANIDE, HYDROGEN CYANIDE FUMES.

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

Waste Disposal Methods:DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS . FLUSH REDUCED & NEUTRALIZED MATERIAL TO TREATMENT PLANT W/PLENTY OF WATER & W/APPROVAL OF REGULATORY AGENCY.

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