

PARKER+AMCHEM HENKEL CORPORATION -- ALODINE 1200 -- 8030-00-926-9131

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Product Identification
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Product ID:ALODINE 1200

MSDS Date:08/31/1988

FSC:8030

NIIN:00-926-9131

MSDS Number: BHMYH

=== Responsible Party ===

Company Name:PARKER+AMCHEM HENKEL CORPORATION

Address:32100 STEPHANSON HIGHWAY

City:MADISON HEIGHTS

State:WA

ZIP:48071

Country:US

Info Phone Num:1-313-583-9300

Emergency Phone

Num:1-517-263-9430

CAGE:JO914

=== Contractor Identification ===

Company Name:PARKER+AMCHEM HENKEL CORPORATION

Address:32100 STEPHENSON HIGHWAY

City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Phone:1-313-583-9300

CAGE:JO914

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Composition/Information on Ingredients
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Ingred Name:CHROMIUM (VI) OXIDE

CAS:1333-82-0

RTECS #:GB6650000

Fraction by Wt: 20-30%

OSHA PEL:C, 0.1 MG/M3 (CRO3)

ACGIH TLV:0.05 MG/M3(CR); 8990

Ingred Name:POTASSIUM FERRICYANIDE

CAS:13746-66-2

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TECS #:LS8225000
Fraction by Wt: 15-20%

Ingred Name:POTASSIUM FLUOROZIRCONATE
CAS:16923-95-8
RTECS #:TT0875000
Fraction by Wt: 10-15%
OSHA PEL:2.5 MG/M3 AS F
ACGIH TLV:2.5 MG/M3 AS F
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM FLUOROBORATE
CAS:13755-29-8
RTECS #:ED2975000
Fraction by Wt: 30-40%
OSHA PEL:2.5 MG/M3 AS F
ACGIH TLV:2.5 MG/M3 AS F

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports

of Carcinogenicity:NTP:YES IARC:YES

Health Hazards Acute and Chronic:EYES:EYE CONTACT MAY RESULT IN LOSS OF VISION WITH SEVERE BURNS.SKIN:SKIN CONTACT IS CORROSIVE TO TISSUES.INGEST:COULD RESULT IN TISSUE DESTRUCTION OF THE DIGESTIVE TRACT AND SEVERE IRRITATION IN THE RESPIRATORY TRACT.INHALE:INHALATION OF DUST CAN BE AN IRRITANT TO THE RESPIRATORY TRACT.

Explanation of Carcinogenicity:THERE IS SUFFICIENT EVIDENCE FOR THE CARCINOGENICITY OF CHROMIUM/COMPOUNDS B

OTH IN HUMANS & EXPERIMENTAL ANIMALS.

Effects of Overexposure:PROLONGED/REPEATED SKIN CONTACT MAY CAUSE "CHROME SORES."LONG TERM EXPOSURE CAN CAUSE LIVER DAMAGE,KIDNEY DAMAGE AND DERMATITIS.PROLONGED OR REPEATED INHALATION OF MIST MAY CAUSE ULCERATION AND PERFORATION OF THE NASAL SEPTUM.

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===== First Aid Measures =====
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First Aid:EYES:IMMED FLUSH IN A DIRECTED STREAM OF WATER FOR 15 MIN WHILE FORCIBLY HOLDING EYELIDS APART TO ENSURE COMPL

ETE

IRRIGATION.GET MEDICAL ATTENTION.SKIN:WASH THOROUGHLY WITH SOAP AND WATER.INGEST:DRINK LARGE QUANTITIES OF WATER.CORROSIVE.DO NOT INDUCE VOMITING.IF VOMITING OCCURS,DRINK MORE WATER.INHALE:REMOVE TO FRESH AIR.IF BREATHING IS DIFFICULT,GIVE OXYGEN.GET MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:WATER

Fire Fighting Procedures:WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VIOLENT REACTIONS MAY OCCUR WITH ORGANIC MATERIALS OR REDUCING AGENTS.

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

Spill Release Procedures:TRANSFER ANY EXCESS TO A CLEAN POLYETHYLENE CONTAINER.TREAT RESIDUE WITH A DILUTE SOLUTION OF METABISULFITE TO REDUCE THE CHROM.

Neutralizing Agent:NEUTRALIZE WITH LIME TO PH = 7 - 8.

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

Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.FOR INDUSTRIAL USE ONLY. CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE.

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

Respiratory Protection:USE NIOSH-APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVEREXPOSURE.

Ventilation:LOCAL EXHAUST.

Protective Gloves:NEOPRENE/POLYVINYL GLOVES.

Eye Protection:CHEMICAL GOGGLES/FACE SHIELD.

Other Protective Equipment:EYE WASH FACILITY SHOULD BE IN CLOSE

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ROXIMITY.
Supplemental Safety and Health
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===== Physical/Chemical Properties =====

Solubility in Water:APPRECIABLE
Appearance and Odor:APPEARANCE:ORANGE POWDER ODOR: BLAND

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

Stability Indicator/Materials to Avoid:YES
ORGANIC MATERIALS, REDUCING AGENTS,ALKALINE MATERIALS.
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:HYDROGEN CYANIDE AND HYDROGEN
FLUORIDE.
Conditions to Avoid Polymerization:EXCESSIVE HEAT.

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

Waste Disposal Methods:WAST TREATMENT/NEUTRALIZATION MAY BE REQ'D PRIOR
TO DISCHARGE TO SEWER.THIS CHEMICAL IS A HAZARDOUSWASTE AS DEFINED
BY EPA.HAZARDOUS WASTE CHARACTER-ISTIC:IGNITABILITY,TITLE 40,CODE
OF FED REGS, 261.21.NUMBER D001. CONTAINS AN OXIDIZER.

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