

PARKER+AMCHEM HENKEL CORPORATION -- ALODINE 1200 -- 8030-00-057-2354

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Product Identification
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Product ID:ALODINE 1200

MSDS Date:08/31/1988

FSC:8030

NIIN:00-057-2354

MSDS Number: BHMCC

=== Responsible Party ===

Company Name:PARKER+AMCHEM HENKEL CORPORATION

Address:32100 STEPHENSON HIGHWAY

City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Info Phone Num:1-313-583-9300

Emergency Pho

ne Num:1-517-263-9430

Preparer's Name:PRODUCT ACCEPTANCE OFFICE

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

RTECS #:LS8225000

Fraction by Wt: 15-20%

Ingred Name:POTASSIUM FLUOZIRCONATE

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 FLUOBORATE

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 =====

Routes of Entry: Inhalati

on:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES

Health Hazards Acute and Chronic:PROLONGED/REPEATED SKIN CONTACT MAY CAUSE "CHROME SORES."LONG-TERM EXPOSURE CAN CAUSE LIVER DAMAGE,KIDNEY DAMAGE,DERMATITIS.PROLONGED OR REPEATED INHALATION OF MIST MAY CAUSE ULCERATION AND P ERFORMATIN OF THE NASAL SEPTUM.

Explanation of Carcinogenicity:THERE IS SUFFICIENT EVIDENCE FOR THE CARCINOGENICITY OF CHROMIUM/COMPOUNDS BOTH IN HUMAN AND EXPERIMENTAL ANIMALS.

Effects of Overexposure:EYES:LOSS OF VISION WITH SEVERE BURNS.SKIN:SKIN CONTACT IS CORROSIVE TO TISSUES.INGEST:COULD RESULT IN TISSUE DESTRUCTION OF THE DIGESTIVE TRACT/SEVERE IRRITATION IN THE RESPIRATORY TRACT.INHALE:INHALATION OF DUST CAN BE AN IRRITANT TO THE RESPIRATORY TRACT.

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

First Aid:EYE:IMMEDIATELY FLUSH EYES IN A DIRECTED STREAM OF WATER FOR AT LEAST 15 MIN WHILE FORCIBLY HOLDING EYE

LIDS APART TO GET IRRIGATION

OF ALL EYE AND LID TISSUE. GET MEDICAL ATTENTION. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. INGEST: DRINK LARGE AMOUNTS OF WATER. CORROSIVE. DO NOT INDUCE VOMIT. IF VOMIT OCCURS DRINK MORE WATER. GET MED ATTN. IHALE: REMOVE TO FRESH AIR. IF BREATH DIFFICULT GIVE OXY. GET MED ATTN

===== 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 DILUTE SOLUTION OF METABISULFITE TO REDUCE THE CHROM.

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

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

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

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

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

Ventilation: LOCAL EXHAUST.

Protective Gloves: NEOPRENE/POLYVINYL GLOVES.

Eye Protection: CHEMICAL GOGGLES OR FACE SHIELD.

Other Protective Equipment: APPROPRIATE PROTECTIVE CLOTHING.

EYE WASH FACILITY SHOULD BE IN CLOSE PROXIMITY.

Supplemental Safety and Health

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

HCC: C1

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

Hazard

ous 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.APP REGS MAY REQUIRE REMOVE OF POTASSIUM
FERRICYANIDE BEFORE DISPOSE IN SEWER.THIS CHEM IS HAZARDOUS WASTE
AS DEFINED BY EPA. INGNITABILITY,TITLE 40,CODE OF FED
REG,261.21.

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