

PARKER AMCHEM -- ALODINE 600 -- 8030-00-811-3723

=====  
Product Identification  
=====

Product ID:ALODINE 600

MSDS Date:09/06/1990

FSC:8030

NIIN:00-811-3723

MSDS Number: BNCGG

=== Responsible Party ===

Company Name:PARKER AMCHEM

Address:32100 STEPHENSON HWY

City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Info Phone Num:313-583-9300

Emergency Phone Num:800-424-9300

CAGE:JO915

=== Contractor Identi

fication ===

Company Name:PARKER AMCHEM

Address:32100 STEPHENSON HWY

City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Phone:313-583-9300

CAGE:JO915

=====  
Composition/Information on Ingredients  
=====

Ingred Name:CHROMIC ACID (CARCINOGEN) (OXIDIZER) (SARA III)

CAS:1333-82-0

RTECS #:GB6650000

Fraction by Wt: 30-40%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.05 MG/M3 (AS CR)

ACGIH TLV:0.05 MG/M3 (AS CR)

Ingred Name:SODIUM FLOUROBORATE (IRRITANT)

CAS:13755-29-8

RTECS #:ED297500

0

Fraction by Wt: 40-50%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2.5 MG/M3 (AS F)

ACGIH TLV:2.5 MG/M3 (AS F)

Ingred Name:POTASSIUM FLUOROZIRCONATE (IRRITANT)

CAS:16923-95-8

RTECS #:TT0875000

Fraction by Wt: 10-15%

Other REC Limits:NONE SPECIFIED

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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NT

P:YES IARC:YES

Health Hazards Acute and Chronic:EYE: LOSS OF VISION W/SEVERE BURNS.

SKIN: CORROSIVE TO TISSUES. INGESTION: TISSUE DESTRUCTION

(DIGESTIVE TRACT), SEVERE RESPIRATORY TRACT IRRITATION. CHRONIC:

PROLONG/REPEAT: SKIN:"CHROME SORES." INHA L: ULCERATION &

PERFORMANCE OF NASAL SEPTUM. LONGTERM: LIVER DAMAGE, KIDNEY

DAMAGE, DERMATITIS. CHRONIC: FLUOROSIS.

Explanation of Carcinogenicity:AQUEOUS SODIUM DICHROMATE INCREASED  
INCIDENCE OF LUNG CANCER. IT IS EXPECTED

CHROMIC ACID WILL HAVE

SIMILAR RESPONSE.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF ASTHMA,  
ALLERGIES OR KNOWN SENSITIZATION TO CHROMIC ACID OR CHROMATES.

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

First Aid:EYE: IMMED FLUSH W/WATER 15 MIN, HOLD EYELIDS APART. GET MED  
AID. SKIN: IMMED REMOVE CONTAMIN CLOTH/SHOES. FLUSH W/WATER 15 MIN.  
RINSE CLOTH. IF IRRIT PERSISTS, GET MED AID. INGEST: DRINK LRG QTY  
WATE R. CORROSIVE. DON'T IND

UCE VOMIT. IF VOMIT OCCURS, DRINK MORE WATER. GET MED AID. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS. INHAL: REMOVE TO FRESH AIR. IF BREATH DIFFICULT, GIVE OXYGEN. GET MED AID

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

Flash Point:NONE

Extinguishing Media:WATER.

Fire Fighting Procedures:VIOLENT REACTIONS MAY OCCUR WITH ORGANIC MATERIALS OR REDUCING AGENTS.

Unusual Fire/Explosion Hazard:WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

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

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

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

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

Handling and Storage Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. FOR INDUSTRIAL USE ONLY. CONTACT WITH COMBUSTIBLE

MATERIALS MAY CAUSE FIRE. DO NOT TAKE INTERNALLY.

Other Precautions:CLOTHING CONTAMINATED WITH CONTENTS OF THIS PACKAGE IS DANGEROUSLY FLAMMABLE. IMMEDIATELY REMOVE CONTAMINATED CLOTHING AND RINSE THOROUGHLY WITH WATER. DO NOT BREATHE DUST. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:USE NIOSH RESPIRATOR AS REQUIRED TO PREVENT OVEREXPOSURE. PROVIDE SUFFICIENT MECHANICAL (GENERAL/LOCAL) EXHAUST

VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S.

Ventilation:LOCAL EXHAUST VENTILATION.

Protective Gloves:NEOPRENE OR POLYVINYL GLOVES.

Eye Protection:CHEMICAL GOGGLES OR FACE SHIELD.

Other Protective Equipment:NEOPRENE OR POLYVINYL GLOVES AND APPROPRIATE PROTECTIVE CLOTHING.

Work Hygienic Practices:EYE WASH FACILITY AND EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY.

Supplemental Safety and Health

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

HCC:D3

Solubility in Water:APPRECIABLE

Appearance and Odor:YELLOW TO ORANGE POWDER CONTAINING REDDISH-BROWN CRYSTALS.

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

Stability Indicator/Materials to Avoid:YES

ORGANIC MATERIALS, REDUCING AGENTS, ALKALINE MATERIALS.

Hazardous Decomposition Products:HYDROGEN FLUORIDE.

Conditions to Avoid Polymerization:EXCESSIVE HEAT.

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

Waste Disposal Methods:HAZARD WASTE . CONTA  
INS CHROMIUM & FLUORIDE

COMPOUNDS. WASTE TREATMNT/NEUTRALZTN MAY BE REQD PRIOR TO DISCHARGE  
TO SEWER. D001, D007. DISPOSE IN COMPLIANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all

liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.