

HENKEL CORPORATION -- ALODINE 1202 THIXOTROPIC POWDER -- 8030-01-069-3030

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Product Identification  
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Product ID:ALODINE 1202 THIXOTROPIC POWDER

MSDS Date:05/19/1989

FSC:8030

NIIN:01-069-3030

MSDS Number: BJXQV

=== Responsible Party ===

Company Name:HENKEL CORPORATION

Address:32100 STEPHENSON HIGHWAY

City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Info Phone Num:313-583-9300

Emergency P

hone Num:517-263-9430

CAGE:DO342

=== Contractor Identification ===

Company Name:HENKEL CORPORATION-EMERY GROUP

Address:4900 ESTE AVENUE

City:CINCINNATI

State:OH

ZIP:45232

Country:US

Phone:513-482-2297

CAGE:DO342

Company Name:PARKER-ACHEM

Box:UNKNOW

CAGE:NO775

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Composition/Information on Ingredients  
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Ingred Name:CHROMIUM (SARA III)

CAS:7440-47-3

RTECS #:GB4200000

Fraction by Wt: 10-30%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 MG/M3

ACGIH TLV:0.5 MG/M3; 9192

EPA Rp

t Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SODIUM FLUORIDE (SARA III)  
CAS:7681-49-4  
RTECS #:WB0350000  
Fraction by Wt: 1-10%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:2.5 PPM F  
ACGIH TLV:2.5 MG F/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:POTASSIUM FERROCYANIDE (SARA 313)  
CAS:13746-66-2  
RTECS #:LJ8225000  
Fraction by Wt: 1-10%  
Other REC Limits:NONE SPECIFIED

Ingred Name:POTASSIUM FLUROBORATE  
CAS:14075-53-7  
RTECS #:ED2800000  
Fraction by Wt: 1-10%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:2.5 MG/M3 (AS F)  
ACGIH TLV:2.5 MG/M3 (AS F)

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

LD50 LC50 Mixture:LD50 (ORAL-RAT):51.10 +/- 5.93 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES  
Health Hazards Acute and Chronic:MAY CAUSE CHROME SORES, LIVER DAMAGE,  
KIDNEY DAMAGE AND DERMATITIS. MAY CAUSE ULCERATION AND PERFORATION  
OF THE NASAL SEPTUM. CONTAINS FLUORIDES, EXPOSURE TO FLUORIDES OVER  
YEARS MAY CAUSE FLUOROSIS.

Explanation of Carcinogenicity:THERE IS SUFFICIENT EVIDENCE FOR THE  
CARCINOGENICITY OF CHROMIUM & CERTAIN CHROMIUM CPD BOTH IN HUMANS &  
EXPER ANIMALS.

Effects of Overexposure:EYES:BURNS,LOSS OF VISION.SKIN:BURNS.FATAL  
KIDNEY DAMAGE.INGESTION:GASTROINTESTINAL DAMAGE;BURNS OF THE  
DIGESTIVE TRACT.CHROMIC ACID IS CONSIDERED VERY  
TOXIC.INHALATION:DAMAGE TO MUCOUS MEMBRANES,PERF ORATION OF NASAL  
SEPTUM AND IRRITATION OF THE RESPIRATORY SYSTEM.

Medica

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

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First Aid Measures  
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First Aid: EYES: FLUSH IN DIRECT STREAM OF H<sub>2</sub>O FOR 15 MIN WHILE HOLDING EYELIDS APART. GET MED ATTN. SKIN: REMOVE CONTAM CLOTHES/ SHOES. FLUSH W/H<sub>2</sub>O FOR 15 MIN. RINSE CLOTHES. IF IRRIT PERSISTS, GET MED ATTN. INGESTED: DRINK LARGE AMTS OF H<sub>2</sub>O. CORROSIVE. DONOT INDUCE VOMIT. IF VOMITING OCCURS, DRINK MORE H<sub>2</sub>O. GET MED ATTN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCON PERSON. INHALED: MOVE TO FRESH AIR. IF BREATH DIFF, GIVE OXYGEN.

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Fire Fighting Measures  
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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.

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Accidental Release Measures  
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Spill Release Procedures: WEAR PROTECTIVE CLOTHING. SWEEP UP OR OTHERWISE COLLECT AND STORE IN SUITABLE DRUM.

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Handling and Storage  
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Handling and Storage Precautions: DO NOT TAKE INTERNALLY. WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES, ON SKIN/CLOTHING. CONTACT W/COMBUST MAT'L MAY CAUSE FIRE.

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Exposure Controls/Personal Protection  
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Respiratory Protection: NIOSH APPROVED; AS REQUIRED TO MAINTAIN EXPOSURE BELOW TLV'S/PEL'S  
Ventilation: LOCAL EXHAUST  
Protective Gloves: NEOPRENE OR POLYVINYL GLOVES.  
Eye Protection: CHEMICAL GOGGLES OR FACE SHIELD.  
Other Protective Equipment: APPROPRIATE PROTECTIVE CLOTHING, EYE WASH FACILITY AND EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY.  
Supplemental Safety and Health  
POSS CANCER HAZARD: THERE IS LAB EVIDENCE THAT AQUEOUS SODIUM DICHROMATE ADMINIST DIRECT INTO LUNGS, AT THE HIGHEST TOLERATED DOSE, OVER THE LI

FETIME OF RATS,CAUSES A SIGNIFICANTLY INCREASED INCIDENCE OF LUNG CANCER.IT IS EXPECTED THAT IF CHROMIC ACID WAS TESTED IN THE MANNER AS AQUEOUS SODIUM WOULD GIVE SIMILIAR RESPONSE

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

HCC:T6

Solubility in Water:APPRECIABLE

Appearance and Odor:ORANGE POWDER,BLAND ODOR

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

Stability Indicator/Materials to Avoid:YES

ORGANIC MATERIALS, REDUCING AGENTS, ALKALI  
NE MATERIALS.

Hazardous Decomposition Products:HYDROGEN CYANIDE AND HYDROGEN  
FLUORIDE.

Conditions to Avoid Polymerization:EXCESSIVE HEAT

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

Waste Disposal Methods:DISPOSE OF IN COMPLIANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL REGULATIONS.THIS CHEMICAL IS A HAZARDOUS  
WASTE DEFINED BY EPA.WASTE TREATMENT AND NEUTRALIZATION MAY BE  
REQUIRED PRIOR TO DISCHARG E TO A SEWER.CONTACT A LICENSED DISPOSAL  
AGENT.

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