

HENKEL CORPORATION -- ALODINE 1201 -- 8030-00-065-0957

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

Product ID:ALODINE 1201

MSDS Date:11/05/1992

FSC:8030

NIIN:00-065-0957

MSDS Number: BTZTV

=== Responsible Party ===

Company Name:HENKEL CORPORATION

Address:32100 STEPHENSON HWY

City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Info Phone Num:313-583-9300

Emergency Phone Num:517-263-9430/ 800-424-9300 CHEMTR

EC

Preparer's Name:S WHITNEY

CAGE:DO342

=== Contractor Identification ===

Company Name:HENKEL CORP

Address:32100 STEPHENSON HIGHWAY

Box:City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Phone:215-628-1000

CAGE:71410

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:RALRUBE INC.

Address:36977 FOX GLEN

Box:City:FARMINGTON HILLS

State:MI

ZIP:48331

Country:US

Phone:248-661-0260, FAX 248-661-3

941  
CAGE:6X798

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

Ingred Name:CHROMIC ACID (SARA III)  
CAS:7738-94-5  
RTECS #:GB2450000  
Fraction by Wt: 1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1 MG/M3  
ACGIH TLV:0.05 MG/M3  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:POTASSIUM FERRICYANIDE  
CAS:13746-66-2  
RTECS #:LJ8225000  
Fraction by Wt: 0.1-1%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROFLUORIC ACID (SARA III) (EXTREMELY HAZARDOUS  
SUBSTANCE)  
CAS:7664-3  
9-3  
RTECS #:MW7875000  
Fraction by Wt: 0.1-1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 3 PPM (AS F)  
ACGIH TLV:C3PPM(AS F);STEL6PPM  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

Health Hazards Acute and Chronic:EYE: SEVERE IRRITATION. SKIN:  
IRRITATION. AABSORPTION: CHROMIC ACID MAY BE ABSORBED THROUGH SKIN,  
EXPECIALLY IF SKIN DMAGED. FATAL KIDNEY DAMAGE REPORTED.  
INHALATION: IRRITATE, MAY BURN MUCOUS MEMBRAN ES IF PRO  
LONGED.

Explanation of Carcinogenicity:EXPECTED THAT CHROMIC ACID MAY INCREASE  
INCIDENCE OF LUNG CANCER (ANIMAL LABORATORY STUDIES).

Effects of Overexposure:CHRONIC: PROLONGED OR REPEATED 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 AN D PERFORATION OF THE NASAL SEPTUM.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS

=====  
F  
=====

First Aid Measures =====

First Aid:EYE: IMMEDIATELY FLUSH IN RUNNING WATER 15 MINUTES HOLDING EYELIDS APART. GET MED AID. SKIN: IMMEDIATELY FLUSH W/WATER 15 MINUTES WHILE REMOVING CONTAM CLOTHING. SOAK AREA FOR 1 HR IN ICED SOLUTION (0.13%) OF ZEP HRIN CHLORIDE (30CC OF 17% CONCENTRATE PER GAL ICED DISTILLED WATER). GET MED AID. INHAL: REMOVE TO FRESH AIR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MED AID. INGEST: DON'T INDUCE VOMIT. GET MED AID

=====

== Fire Fighting Measures =====

Extinguishing Media:AS REQUIRED TO EXTINGUISH SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:PRESENTS NO HAZARD IN LIQUID FORM, HOWEVER CHEMICAL CONTAINS STRONG OXIDIZERS WHICH MAY SUPPLY OXYGEN WHEN DRY.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING  
G. ABSORB OR OTHERWISE  
COLLECT SPILL AND STORE IN POLYETHYLENE OR POLYETHENE-LINED STEEL CONTAINER.

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

Handling and Storage Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. CLOTHING OR OTHER COMBUSTIBLE MATERIAL WET WITH THIS MATERIAL AND ALLOWED TO DRY MAY BE BECOME FLAMMABLE.  
Other Precautions:WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:NOT NORMALLY REQUIRED. IF SIGNIFICANT VAPORS OR MIST ARE GENERATED, USE A NIOSH APPROVED RESPIRATOR  
Ventilation:USE WITH ADEQUATE VENTILATION. PROVIDE GENERAL AND LOCAL EXHAUST VENTILATION.  
Protective Gloves:CHEMICAL RESISTANT GLOVES  
Eye Protection:CHEMICAL GOGGLES OR FACE SHIELD.  
Other Protective Equipment:EYE WASH AND EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY. APPROPRIATE PROTECTIVE CLOTHING SUCH AS APRONS, BOOTS, ETC.  
Work Hygienic

Practices:WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health

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

HCC:C1

Boiling Pt:B.P. Text:212F,100C

Spec Gravity:ABOUT 1

pH: