

HENKEL CORPORATION -- ALODINE 1201 -- 8030-00-142-9272

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Product Identification
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Product ID:ALODINE 1201

MSDS Date:03/30/1989

FSC:8030

NIIN:00-142-9272

MSDS Number: BLLTD

=== 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 Phone Num:1-517-263-9430 OR 800-424-930

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Preparer's Name:PRODUCT ACCEPTANCE OFFICE

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

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Composition/Information on Ingredients
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Ingred Name:CHROMIC ACID (SARA 313)

CAS:1333-82-0

RTECS #:GB6650000

Fraction by Wt: APPRX 1%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG/M3

ACGIH TLV:0.05 MG/M3

Ingred Name:POTASSIUM FERRICY

ANIDE (SARA 313)
CAS:13746-66-2
RTECS #:LJ8225000
Fraction by Wt: < 1%
Other REC Limits:NONE SPECIFIED

Ingred Name:HYDROGEN FLUORIDE (SARA III)
CAS:7664-39-3
RTECS #:MW7875000
Fraction by Wt: < 1%
Other REC Limits:* AS FLUORINE
OSHA PEL:3 PPM/6 STEL (F)
ACGIH TLV:C 3 PPM (F); 9192
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES
OSHA:YES

Health Hazards Acute and Chronic:ACUTE: CAN CAUSE BURN AND EYE DAMAGE.
SKIN: CAN CAUSE SEVERE BURNS. SKIN ABSORPTION, ESP DAMAGED SKIN.
FATAL KIDNEY DAMAGE FROM ABSORPTION OF CHROMIUM TRIOXIDE. INGEST:
CAN CAUSE GASTROINTESTINAL DAMAGE, DIGESTIVE TRACT BURNS. INHALE:
INJURY TO THE RESPIRATOR TRACT. CHRONIC: FLUOROSIS, CHROME SORES,
LIVER DAMAGE,

Explanation of Carcinogenicity:AQUEOUS SODIUM DICHROMATE MAY CAUSE LUNG
CANCER. CHROMIUM AND CERTAIN CHROMIUM COMPOUN
DS ARE POSSIBLE
CARCINOGENS.

Effects of Overexposure:AND DERMATITIS. PROLONGED OR REPEATED
INHALATION OF MIST MAY CAUSE ULCERATION AND PERFORATION OF THE
NASAL SEPTUM.

Medical Cond Aggravated by Exposure:NEVER GIVE ANYTHING BY MOUTH TO AN
UNCONSCIOUS PERSON.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH RUNNING WATER FOR 15 MIN, HOLD LIDS OPEN
TO IRRIGATE EYE & LID TISSUE. GET MED AID. SKIN: IMMEDIATELY FLUSH
WITH WATER FOR 15

MIN, REMOVING CONTAM CLOTHES. SOAK CONTAM AREA FOR 1 HR IN ICED SOLUTION (0.13%) OF ZEPHRIN CHLORIDE (30CC OF 17% CONC PER GL DISTILL WATER). GET MED AID. INGEST: DRINK LOTS OF WATER. DO NOT INDUCE VOMITING. GET MED AID. INHALE:MOVE TO FRESH AIR. CPR. GET MED AID.

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

Flash Point:NONE

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:CONTACT W/COMBUSTIBLE MATERIAL MAY CAUSE FIRE. PRESENTS NO HAZARD IN LIQUID FORM, HOWEVER, CHEMICAL CONTAINS STRONG OXDIZERS WHICH MAY SUPPLY OXYGEN WHEN DRY.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING. DIKE TO CONTAIN SPILL. ABSORB ON NON-COMBUSTIBLE MATERIAL (VERMICULITE, SAND, EARTH) AND STORE IN SUITABLE DRUM. FLUSH THE CONTAMINATED AREA WITH WATER.

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

Handling and Storage Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. CLOTHES CONTAMINATED W/PRODUCT ARE DANGEROUSLY FLAMMABLE. IMMED REMOVE CONTAM CLOTHES & RINSE W/WATER.

Other Precautions:CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:PROVIDE MIST PROTECTION WHERE APPLICABLE. USE NIOSH OR MSHA APPROVED RESPIRATORS.

Ventilation:LOCAL EXHAUST

Protective Gloves:NEOPRENE OR POLYVINYL GLOVES

Eye Protection:CHEMICAL GOGGLES OR FACESHIELD

Other Protective Equipment:NEOPRENE OR POLYVINYL APPROPRIATE PROTECTIVE CLOTHING. EYEWASH FACILITY AND EMERGENCY SHOWER SHOULD BE CLOSE BY.

Supplemental Safety and Health

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

===== Physical/Chemical Prop

erties =====

HCC:T7

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

Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C

Spec Gravity:1.00-1.02

pH: