

HENKEL SURFACE TECHNOLOGIES -- ALODINE 1201 -- 8030-00-065-0957

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Product Identification
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Product ID:ALODINE 1201

MSDS Date:07/06/1998

FSC:8030

NIIN:00-065-0957

Status Code:A

MSDS Number: CLFNN

=== Responsible Party ===

Company Name:HENKEL SURFACE TECHNOLOGIES

Address:32100 STEPHENSON HIGHWAY

City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Info Phone Num:248-583-9300

Emergency Phone N

um:800-424-9300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:EO337

=== Contractor Identification ===

Company Name:HENKEL SURFACE TECHNOLOGIES

Address:32100 STEPHENSON HIGHWAY

Box:City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Phone:248-583-9300

CAGE:EO337

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Composition/Information on Ingredients
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Ingred Name:CHROMIC ACID (H2CRO4)

CAS:7738-94-5

RTECS #:GB2450000

< Wt:1.

OSHA PEL:SEE TABLE Z-2

ACGIH TLV:0.05 MG/M3

EPA Rpt Qty:10 LBS

DOT Rp

t Qty:10 LBS

Ingred Name:HYDROGEN FLUORIDE

CAS:7664-39-3

RTECS #:MW7875000

< Wt:1.

OSHA PEL:SEE TABLE Z-2

ACGIH STEL:C2.6 MG/M3;C3 PPM

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:POTASSIUM FERRICYANIDE

CAS:13746-66-2

RTECS #:LJ8225000

< Wt:1.

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

LD50 LC50 Mixture:NONE

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

Health Hazards Acute and Chronic:EYE CONTACT: THIS PRODUCT IS SEVERELY IRRITATING TO T

HE EYES AND MAY CAUSE IRREVERSIBLE DAMAGE INCLUDING

BURNS AND BLINDNESS. SKIN CONTACT: MASSIVE OVEREXPOSURES MAY LEAD TO KIDNEY FAILURE AND DEATH. INGESTION: THIS PRODUCT MAY RESULT IN FLUORIDE POISONING INCLUDING SYMPTOMS OF CALCIFICATION OF THE LIGAMENTS AND SEVERE BONE CHANGES MAKING NORMAL MOVEMENTS PAINFUL. INHALATION: THIS PRODUCT MAY CAU SE SEVERE IRRITATION AND BURNS TO THE RESPIRATORY TRACT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NONE

Medi

cal Cond Aggravated by Exposure:PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS.

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

First Aid:EYE CONTACT: RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES, AND SEEK IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: FOR SKIN CONTACT, FLUSH WITH LARGE AMOUNTS OF WATER. SEEK IMMEDIATE MEDICAL ATTE NTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION OR ADVICE-DO NOT INDUCE VOMITING. GIVE ONE TO TWO GLASSES OF WATER

OR

MILK. INHALATION:IF MIST OR VAPOR OF THIS PRODUCT IS INHALED,
REMOVE PERSON IMMEDIATELY TO FRESH AIR. SEEK MEDICAL ATTENTION.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:USE ANY MEDIA SUITABLE FOR THE SURROUNDING FIRES.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE
CLOTHING INCLUDING SELF CONTAINED BREATHING APPARATUS.

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Unusual Fire/Explosion Hazard:IF EVAPORATED TO DRYNESS, SOLID RESIDUE
IS AN OXIDIZING AGENT AND MAY CAUSE SPONTANEOUS IGNITION OF
COMBUSTIBLE MATERIALS.

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

Spill Release Procedures:ABSORB SPILL WITH INERT MATERIAL. SHOVEL
MATERIAL INTO APPROPRIATE CONTAINER FOR DISPOSAL. DISPOSE OF
COLLECTED MATERIAL ACCORDING TO REGULATION.

Neutralizing Agent:NONE

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

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Handling and Storage Precautions:DO NOT GET THIS MATERIAL IN YOUR EYES,
ON YOUR SKIN, OR ON YOUR CLOTHING. DO NOT INHALE VAPORS OR MISTS OF
THIS PRODUCT. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE
ONLY. CLOTHING OR OTHER MATERIAL WET WITH THIS PRODUCT AND ALLOWED
TO DRY MAY BECOME FLAMMABLE. KEEP CONTAINER TIGHTLY CLOSED.

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

Respiratory Protection:IF VENTILATION IS NOT SUFFICIENT, APPROPRIATE
N

IOSH/MSHA RESPIRATORY PROTECTION MUST BE PROVIDED.

Ventilation:VENTILATION SHOULD EFFECTIVELY REMOVE AND PREVENT BUILDUP
OF ANY VAPOR OR MIST GENERATED FROM THE HANDLING OF THIS PRODUCT.

Protective Gloves:USE IMPERVIOUS GLOVES.

Eye Protection:WEAR CHEMICAL GOGGLES; FACE SHIELD (IF SPLASHING IS
POSSIBLE).

Other Protective Equipment:EYE WASH FOUNTAIN AND EMERGENCY SHOWERS ARE
RECOMMENDED.

Work Hygienic Practices:NONE

Supplemental Safety and Health

NONE

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

mical Properties =====

Boiling Pt:=100.C, 212.F

Melt/Freeze Pt:M.P/F.P Text:NONE

Decomp Temp:Decomp Text:NONE

Spec Gravity:1.0-1.1

pH: