

HENKEL SURFACE TECHNOLOGIES -- ALODINE (R) 1201 -- 8030-00-065-0957

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Product Identification
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Product ID:ALODINE (R) 1201
MSDS Date:01/01/2000
FSC:8030
NIIN:00-065-0957
Status Code:A
MSDS Number: CLMZV
=== Responsible Party ===
Company Name:HENKEL SURFACE TECHNOLOGIES
Address:32100 STEPHENSON HWY
City:MADISON HEIGHTS
State:MI
ZIP:48071
Country:US
Info Phone Num:248-583-9300
Emergency Phone Num:800-424-9300
Preparer's Name:ERNEST CARTER
Chemtrec Ind/Phone:(800)424-9300
CAGE:1N6B3

==== Contractor Identification ====
Company Name:HENKEL SURFACE TECHNOLOGIES
Address:32100 STEPHENSON HWY
Box:City:MADISON HEIGHTS
State:MI
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Composition/Information on Ingredients
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Ingred Name:CHROMIC ACID
CAS:7738-94-5
Code:F
RTECS #:GB2450000
< Wt:1.
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:0.05 MG/M3

Ingred Name:HYDROGEN FLUOR

IDE
CAS:7664-89-3
< Wt:1.

Ingred Name:POTASSIUM FERRICYANIDE
CAS:13746-66-2
RTECS #:LJ8225000
< Wt:1.

===== 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 THE EYES AND MAY CAUSE IRREVERSIBLE DAMAGE INCLUDING BURNS AND BLINDNESS. SKIN CONTACT: PRODUCT CONTAINS CHROMIUM, WHICH MAY CAUSE AN ALLERGIC SKIN SENSITIZATION REACTION. OVEREXPOSURES MAY LEAD TO KIDNEY FAILURE AND DEATH. INGESTION: OF LARGE AMOUNTS OF THIS PRODUCT MAY RESULT IN FLUORIDE POISONING INCLUDING SYMPTOMS OF CALCIFICATION OF THE L IGARMENTS AND SEVERE BONE CHANGES MAKING NORMAL MOVEMENTS PAINFUL, . INHALATION: OF MISTS OF THIS PRODUCT MAY CAUSE SEVERE IRRITATION A
Effects of Overexposure:EMERGENCY OVERVIEW: DANGER-CORROSIVE! CONTACT WITH THIS MATERIAL WILL CAUSE BURNS TO THE SKIN, EYES AND MUSCOU
S
MEMBRANES, MAY CAUSE BLINDNESS. CONTACT WITH BROKEN SKIN MAY RESULT IN ULCERS. PROLONGED OR REPEATED BREATHING MAY CAUSE ULCERATION OF NASAL MEMBRANES. FOLLOWING SKIN EXPOSURE TO THIS PRODUCT. THE SENSATION OF IRRITATION OR PAIN MAY BE DELAYED CANCER HAZARD.
Medical Cond Aggravated by Exposure:PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS.

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

First Aid:EYE CONTACT: IN CASE OF CONTACT WITH THE EYES, RINS
E
IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES, AND SEEK IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER. SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION: 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. S EEK MEDICAL ATTENTION.

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

Flash Point:NONE
Autoignition Te

mp: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.

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 R

Release Procedures:STOP THE FLOW OF MATERIAL, IF THIS IS WITHOUT RISK. WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND CLOTHING DURING CLEAN UP. 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 =====

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. KEEP CONTAINER TIGHTLY CLOSED AND IN A COOL, WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:NONE

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

Respiratory Protection:IF VENTILATION IS NOT SUFFICIENT TO EFFECTIVELY PREVENT BUILD UP OF DUST, APPROPRIATE NIOSH/MSHA RESPIRATORY PROTECTION MUST BE PROVIDED.

Ventilation

Requirements:VENTILATION SHOULD EFFECTIVELY REMOVE AND PREVENT BUILDUP OF ANY VAPOR OR MIST.

Protective Gloves:USE IMPERVIOUS GLOVES.

Eye Protection:WEAR CHEMICAL GOGGLES; FACE SHIELD.

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

Work Hygienic Practices:NONE

Supplemental Safety and Health
NONE

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

Boiling Pt.=100.C, 212.F

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

Decomp Temp:Decomp Text:NONE

Spec Gravim

y:1.0-1.1
pH: