

RALRUBE INC. -- ALODINE 1201 -- 8030-00-142-9272

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Product Identification
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Product ID:ALODINE 1201

MSDS Date:08/16/1995

FSC:8030

NIIN:00-142-9272

Status Code:A

MSDS Number: CLBXS

=== Responsible Party ===

Company Name:RALRUBE INC.

Address:36977 FOX GLEN

City:FARMINGTON HILLS

State:MI

ZIP:48331

Country:US

Info Phone Num:810-661-0260

Emergency Phone Num:0000000000

CAGE:6X798

=== Contractor

Identification ===

Company Name:RALRUBE INC.

Address:36977 FOX GLEN

Box:City:FARMINGTON HILLS

State:MI

ZIP:48331

Country:US

Phone:248-661-0260, FAX 248-661-3941

CAGE:6X798

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Composition/Information on Ingredients
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Ingred Name:HYDROFLUORIC ACID

CAS:7664-39-3

RTECS #:MW7875000

< Wt:1.

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:CHROMIC ACID

CAS:7738-94-5

RTECS #:GB2450000

< Wt:1.

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:POTASSIUM FERRICYANIDE

CAS:13746-66-2
RTECS #:LJ8225000
< Wt:1.

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

Health Hazards Acute and Chronic: EYES: CONTACT WITH EYES CAN CAUSE SEVERE IRRITATION. SKIN CONTACT: CONTACT WITH SKIN CAN CAUSE IRRITATION. SKIN ABSORPTION: CHROMIC ACID MAY BE ABSORBED THROUGH SKIN, ESPECIALLY IF SKIN IS DAMAGED. FAT AL KIDNEY DAMAGE WAS REPORTED IN A PERSON WHO EVIDENTLY ABSORBED CHROMIUM TRIOXIDE INTO THE BODY. INGESTION: NO INFORMATION AVAILIA
BLE. INHALATION: CAN CAUSE IRRITATION OF UPPER RESPIRATORY TRACT AND ULCERATION OF MUCOUS MEMBRANES.

Medical Cond Aggravated by Exposure:

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

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

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

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

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

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

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

Respiratory Protection: IF VAPOR OR MIST ARE GENERATED WEAR A NIOSH APPROVED RESPIRATOR.
Ventilation: USE WITH ADEQUATE VENTILATION. PROVIDE GENERAL AND LOCAL EXHAUST VENTILATION.
Protective Gloves: CHEMICAL RESISTANT, NEOPRENE, PVC, BUTYL RUBBER
Eye Protection: CHEMICAL GOGGLES OR FACE SHIELD
Other Protective Equipment: WEAR PROTECTIVE CLOTHING SUCH AS RUBBER

APRONS, BOOTS AS NECESSARY TO AVOID SKIN CONTACT. EYE WASH FACILITY AND EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY.

Supplemental Safety and Health

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

Boiling Pt:=100.C, 212.F

B.P. Text:212 F

Spec Gravity:1.0-1.1

pH: