

MACDERMID INC -- IRIDITE 14-2, 78659

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MSDS Safety Information
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FSC: 6850
NIIN: 01-360-9650
MSDS Date: 07/22/1994
MSDS Num: BVHMV
Product ID: IRIDITE 14-2, 78659
MFN: 02
Kit Part: Y
Responsible Party
Cage: MACDE
Name: MACDERMID INC
Address: 245 FREIGHT ST
City: WATERBURY CT 06702
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Info Phone Number: 203-575-6700
Emergency Phone Number: 203-575-6700
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: MACDE
Name: MACDERMID INC
Address: 9805 HAMILTON RD
City: EDEN PRAIRIE MN 55344
Phone: (800) 328-2942 OR (612) 944-9441
Cage: OPX54
Name: MACDERMID INC.(FRMLY ALLIED-KELITE)
Address: 245 FREIGHT STREET
City: WATERBURY CT 06702
Phone: 203-575-5606/8
00-424-9300(CHEMTREC)
Cage: 57375
Name: WITCO CORPORATION
Address: ONE AMERICAN LANE
City: GREENWICH CT 06831-2559
Phone: 903-938-514

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Item Description Information
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Item Manager: S9G
Item Name: CORROSION REMOVING COMPOUND
Specification Number: UNKNOWN
Unit of Issue: KT
UI Container Qty: 1
Type of Container: UNKNOWN

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: TLV FOR SOLUBLE CHROMIUM CMPD 0.05 MG/M3

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: ACUTE- CAUSES SKIN AND EYES BURNS ON DIRECT CONTACT.
INHALA

TION OF DUST, MIST OR VAPOR CAUSES DAMAGE TO MUCOUS MEMBRANES AND
RESPIRATORY SYSTEM. SWALLOWING CAUSES DAMAGE TO DIGESTIVE TRACT. CHRONIC- M
AY CAUSE EYES AND SKIN BURNS, PULMONARYEDEMA, PNEUMONITIS OR BRONCHITIS.

TARGET ORGANS:SKIN, EYE, BLOOD, LIVER, KIDNEY

Explanation Of Carcinogenicity: CONTAINS CHROMIC ACID.

Signs And Symptions Of Overexposure: SEVERE EYES, SKIN, RESPIRATORY AND
GASTROINTESTINAL TRACTS IRRITATION AND BURNS.

Medical Cond Aggravated By Exposure: PERSONS WITH PRE-EXIS
TING SKIN DISORDERS,

EYE PROBLEMS OR IMPAIRED LIVER, KIDNEY OR RESPIRATORY FUNCTION MAY BE MORE
SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid: GET MEDICAL ATTENTION IMMEDIATELY. SKIN: REMOVE CONTAMINATED
CLOTHING. RINSE SKIN WITH WATER FOR 20-30 MINUTES. EYE: FLUSH WITH WATER FOR
30 MINUTES, HOLDING EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR . PROVIDE
OXYGEN/CPR IF NEEDED. ORAL: INDUCE VOMITING. IF CONCIOUS, RINSE MOUTH WITH
WATER, THEN DRINK LARGE AMOUNT OF WATER. NEVER GIVE
ANYTHING BY MOUTH TO AN
UNCONSCIOUS PERSON.

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Handling and Disposal
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Spill Release Procedures: WEAR PROTECTIVE CLOTHING AND EQUIPMENT DURING
CLEANUP. SWEEP UP POWDER SPILLS AND PLACE IN A STEEL CONTAINER. FOR SOLUTION
SPILLS, ABSORB ON AN INERT MATERIAL SUCH AS EARTH, SAND OR VERMICULITE. TRANS
FER TO A METAL CONTAIENR FOR LATER DISPOSAL.

Neutralizing Agent: WEAK ALKALI

Waste Dis

posal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. REPORTABLE QUANTITY (RQ) FOR CHROMIC ACID IS 10 LBS.
Handling And Storage Precautions: STORE IN COOL, VENTILATED, NON-COMBUSTIBLE AREA AWAY FROM DIRECT HEAT, SUNLIGHT AND INCOMPATIBLE MATERIALS.
Other Precautions: WARNING. STRONG ACID AND OXIDIZER. AVOID BREATHING DUSTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. KEEP OUT OF REACH OF CHILDREN.

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Fire and Explosion Hazard Information
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Flash Point Text: NONE
Extinguishing Media: FLOOD WITH WATER
Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY. WILL SUPPORT COMBUSTION IN FIRE.
Unusual Fire/Explosion Hazard: SPONTANEOUS COMBUSTION MAY OCCUR UPON CONTACT WITH ALCOHOLS, KETONES AND OTHER ORGANIC COMPOUNDS.

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Control Measures
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Respiratory Protection: NONE REQUIRED UNDER NORMAL CONDITIONS. IF WORKING IN A CONFINED AREA OR IF THE TLV/PEL OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.
Ventilation: ADEQUATE TO MAINTAIN LEVEL BELOW TLV.
Protective Gloves: RUBBER
Eye Protection: CHEMICAL SAFETY GOGGLES AND FACE SHIELD
Other Protective Equipment: RUBBER APRON, RUBBER BOOTS, EYEWASH STATION, EMERGENCY SHOWER
Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.
Supplemental Safety and Health: A 2% SOLUTION HAS A PH OF LESS THAN 1.5.

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Physical/Chemical Properties
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HCC: D3
M.P/F.P Text: NOT KNOWN
Decomp Text:

UNKNOWN
Spec Gravity: NOT KNOWN
Evaporation Rate & Reference: NOT RELEVANT
Solubility in Water: MODERATE SOLUBILITY
Appearance and Odor: RED SOLID - NO ODOR
Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: STABLE UNDER NORMAL CONDITIONS.
Materials To Avoid: ALKALINE MATERIAL AND REDUCING AGENTS.
Hazardous Decomposition Products: CHROMIUM COMPOUNDS
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Code: MACDE
Trans ID NO: 129280
Product ID: IRIDITE 14-2, 7
8659
MSDS Prepared Date: 07/22/1994
Review Date: 10/26/1994
MFN: 2
Net Unit Weight: 0.5 LB
Multiple KIT Number: 0
Kit Part IND: Y
Review IND: Y
Unit Of Issue: KT
Container QTY: 1
Type Of Container: UNKNOWN
Additional Data: THE KIT CONTAINS TWO 4 OZ CANS OF IRIDITE 14-2, TWO 16 OZ CANS
ISOPREP 188 AND ONE 6 IN. BY 9 1/2 IN. ULTRA-FINE SCOTCH BRITE PAD.

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Detail DOT Information
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DOT PSN

Code: DJH
Symbols: D
DOT Proper Shipping Name: CHROMIC ACID, SOLID
Hazard Class: 5.1
UN ID Num: NA1463
DOT Packaging Group: II
Label: OXIDIZER, CORROSIVE
Non Bulk Pack: 212
Bulk Pack: 242
Max Qty Pass: 5 KG
Max Qty Cargo: 25 KG
Vessel Stow Req: A

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Detail IMO Information
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IMO PSN Code: EIT
IMO Proper Shipping Name: CHROMIC ACID, SOLID
IMDG Page Number: SEE 5145
UN Number: 1463
UN Hazard
Class: 5.1
IMO Packaging Group: II
Subsidiary Risk Label: CORROSIVE
EMS Number: 5.1-05
MED First Aid Guide NUM: 700

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Detail IATA Information
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IATA PSN Code: GVR
IATA UN ID Num: 1463
IATA Proper Shipping Name: CHROMIUM TRIOXIDE, ANHYDROUS
IATA UN Class: 5.1
Subsidiary Risk Class: 8
IATA Label: OXIDIZER & CORROSIVE
UN Packing Group: II
Packing Note Passenger: 508
Max Quant Pass: 5KG
Max Quant Cargo: 25KG
Packaging Note Cargo: 511

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Detail AFI Information
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AFI PSN Code: GVR
AFI Proper Shipping Name: CHROMIUM TRIOXIDE, ANHYDROUS
AFI Hazard Class: 5.1
AFI UN ID NUM: UN1463
AFI Packing Group: II
AFI Label: 8
Special Provisions: P5
Back Pack Reference: A9.8

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HAZCOM Label
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Product ID: IRIDITE 14-2, 78659
Cage: MACDE
Company Name: MACDERMID INC
Street: 9805 HAMILTON RD
City: EDEN PRAIRIE MN
Zipcode: 55344
Health Emergency Phone: 203-575-6700
Label Required IND: Y
Date Of Label Review: 10/26/1994
Status Code: C
MFG Label NO: NOT RELEVANT
Label Date: 10/26/1994
Year Procured: 1993
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Health Hazard: Severe
Contact Hazard: Severe
Fire Hazard: None
Reactivity Hazard: None

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zard And Precautions: ACUTE- CAUSES SKIN & EYES BURNS ON DIRECT CONTACT.
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SYSTEM. SWALLOWING CAUSES DAMAGE TO DIGESTIVE TRACT. CHRONIC- MAY CAUSE EYES
& SKIN BURNS, PULMONARY EDEMA, PNEUMONITIS/BRONCHITIS. STORE IN COOL,
VENTILATED, NON-COMBUSTIBLE AREA AWAY FROM SUNLIGHT & INCOMPATIBLES.
SWEEP UP SPILLS & PLACE IN A STEEL CONTAINER. FIRST AID- GET MEDICAL
ATTENTION IMMEDIATELY. SKIN:RINSE WITH WATER FOR 20-30 MINUTES. EYE:FLUSH
WITH WATER FOR 20-60 MINUTES, HOLDING EYELIDS OPEN. INHALED:REMOVE TO FRESH
AIR. ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH WITH WATER, THEN
DRINK PLENTY OF WATER

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