

SIFCO METACHEMICAL DIV OF SIFC -- DALIC CADMIUM (NO BAKE) PLATING SOLUTION, COD

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MSDS Safety Information

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FSC: 6850

NIIN: 00-306-9596

MSDS Date: 12/07/1993

MSDS Num: BDWPP

Product ID: DALIC CADMIUM (NO BAKE) PLATING SOLUTION, CODE 2023

MFN: 01

Responsible Party

Cage: 11924

Name: SIFCO METACHEMICAL DIV OF SIFCO INDUSTRIES,IN
C.

Address: 5708 SCHAAF ROAD

City: CLEVELAND OH 44131-1394

Info Phone Number: 216-881-8600

Emergency Phone Number: 216-881-8600, 216-524-0099

Preparer's Name: WERNER A. EHRENSCHNEIDER

Proprietary Ind: Y

Review Ind: Y

Published: Y

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Contractor Summary

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Cage: 11924

Name: SIFCO SELECTIVE PLATING DIV OF SIFCO INDUSTRIES INC.

Address: 5708 SCHAAF ROAD

City: CLEVELAND OH 44131-1394

Phone: 216-

524-0099/ FAX: -6331

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Item Description Information

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Item Manager: S9G

Item Name: BRUSH PLATING SOLUTION,CADMIUM

Specification Number: NONE

Type/Grade/Class: NONE

Unit of Issue: GL

UI Container Qty: 0

Type of Container: BOTTLE

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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: NO INFORMATION GIVEN ON MSDS BY MFR.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: ACUTE:DANGER!CORROSIVE! CAUSES SEVERE BURNS. MAY BE FATAL IF SWALLOWED. MAY CAUSE PERMANENT EYE INJURY AND/OR ALLERGIC SKIN REACTION. CHRONIC:CHRONIC D

ERMATITIS,STAINED TEETH,LOSS OF SENSE OF SMELL,COUGH,DIFFICULT BREATHING,WEIGHT LOSS,ANEMIA,EMPHYSEMA. TARGET ORGANS:RESPIRATORY SYSTEM,LIVER,KIDNEYS,PROSTATE,BLOOD,SKI

Explanation Of Carcinogenicity: CADMIUM IS LISTED AS A CARCINOGEN BY NTP, IARC, AND REGULATED BY OSHA. SEE INDIVIDUAL REPORT FOR DETAILS.

Signs And Symptions Of Overexposure: EYE:SEVERE IRRITATION,COLLECTION OF FLUID IN EYE LIDS. SKIN:SLOW DEEP PENETRATING BURNS. INHALED:RESPIRATORY IRRITATION, METALLIC TASTE IN MOUTH, SHORTNESS OF BREATH, COUGH, BRONCHIAL

PNEUMONIA, FLUID IN LUNGS. INGESTED:SEVERE ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA, HEADACHE, MUSCULAR ACHES, SALIVATION,SHOCK.

Medical Cond Aggravated By Exposure: PREEXISTING RESPIRATORY, KIDNEY, LIVER, PROSTATE AND BLOOD CONDITIONS. DERMATITIS AND OTHER SKIN CONDITIONS.

First Aid: INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/ OXYGEN IF NEEDED. EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL HELP. SKIN:WASH WITH SOAP AND WA

TER. REMOVE CONTAMINATED CLOTHING. GET MED ATTENTION FOR BURNS & IRRITATION. INGESTION:DO NOT INDUCE VOMITING, GIVE 2-3 GLASSES OF WATER OR MILK TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL HELP IMMEDIATELY

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Handling and Disposal

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Spill Release Procedures: ELIMINATE IGNITION SOURCES PROVIDE MAXIMUM VENTILATION. MOP UP OR VACUUM SPILL INTO SUITABLE PLASTIC CONTAINER(S).

TRIPPLE RINSE AREA WITH WATER INTO SAME CONTAINER(S). FLUSH AREA WITH WATER. Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DO NOT RELEASE INTO SOIL,SEWER,STREAM,POND OR SOURCE OF DRINKING WATER. SHIP TO APPROVED TREATMENT/DISPOSAL FACILITY. DISPOSE I/A/W FEDERAL, STATE & LOCAL REGULATIONS. TRIPPLE RINSE CONTAINER BEFORE D ISCARDING.

Handling And Storage Precautions: STORE AT 50-90F AWAY FROM INCOMPATIBLES. PROTECT CONTAINERS

FROM SPILLAGE OR MECHANICAL INJURY.
Other Precautions: USE BUDDY SYSTEM WHEN HANDLING CHEMICALS. DO NOT BREATHE VAPORS, DUST, OR MIST. USE ONLY WITH ADEQUATE VENTILATION. AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. WASH THOROUGHLY AFTER HANDLING.

Fire and Explosion Hazard Information

Flash Point Text: NONE
Lower Limits: NONE
Upper Limits: NONE
Extinguishing Media: ALL
Fire Fightin
g Procedures: WEAR FACE SHIELD/GOGGLES, IMPERVIOUS GLOVES, BOOTS, PROTECTIVE CLOTHING, NIOSH APPROVEDRESPIRATORY PROTECTION. RUNOFF FROM FIRE CONTROL MAY CAUSE POLLUTION.CONT
Unusual Fire/Explosion Hazard: CONT. DIKE SPILL AREA FOR LATER DISPOSAL. EXCESSIVE HEAT MAY CAUSE CONTAINERS TO BURST AND GENERATE CORROSIVE AND TOXIC VAPORS.

Control Measures

Respiratory Protection: USE
NIOSH APPROVED RESPIRATOR. FIT THE RESPIRATOR TO
THE EXPOSURE TO BE CONTROLLED. FOR CADMIUM EXPOSURE USE A SUPPLIED FULL FACE RESPIRATOR. FOR ETHYLENEDIAMINE EXPOSURE, USE AIR PURIFYING CARTRIDGE TYPE OR SUPPLIED AIR TYPE.
Ventilation: LOCAL EXHAUST IS REQUIRED TO MEET PEL.
Protective Gloves: NITRILE, NEOPRENE, LATEX AND VINYL.
Eye Protection: SAFETY GOGGLES, FACESHIELD
Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER, PLUS IMPERVIOUS APRON, BOOTS, CLOTHING. (DEPENDING ON
JOB SIZE & CONDITIONS).
Work Hygienic Practices: MFR: ? :USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.
Supplemental Safety and Health: NONE

Physical/Chemical Properties

HCC: B3
NRC/State LIC No: NONE
B.P. Text: >212F,>100C
M.P/F.P Text: <32F,<0C
Decomp Text: UNKNOWN
Vapor Pres: "N/A"
Vapor Density: "N/A"
Spec G

ravity: 1.165
PH: 11
Evaporation Rate & Reference: SLOWER THAN ETHYL ETHER
Solubility in Water: COMPLETE
Appearance and Odor: COLORLESS TO LIGHT YELLOW LIQUID, AMMONIA-LIKE ODOR.
Corrosion Rate: UNKNOWN

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Reactivity Data

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Stability Indicator: YES
Stability Condition To Avoid: HEAT, FLAME AND SPARKS.
Materials To Avoid: STRONG OXIDIZERS AND ACIDS.
Hazardous Decomposition Products: OXI
DES OF CARBON, NITROGEN, & CADMIUM.
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 Cage: 11924
Trans ID NO: 69336
Produ
ct ID: DALIC CADMIUM (NO BAKE) PLATING SOLUTION, CODE 2023
MSDS Prepared Date: 12/07/1993
Review Date: 06/26/1996
MFN: 1
Tech Entry NOS Shipping Nm: CADMIUM; 1,2-ETHANEDIAMINE, SULFURIC ACID
Net Unit Weight: UNKNOWN
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: GL
Container QTY: 0
Type Of Container: BOTTLE
Additional Data: PROPER SHIPPING NAME PER MSDS.

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Detail DOT Information

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DO

T PSN Code: CXY
Symbols: G
DOT Proper Shipping Name: CAUSTIC ALKALI LIQUIDS, N.O.S.
Hazard Class: 8
UN ID Num: UN1719
DOT Packaging Group: II
Label: CORROSIVE
Special Provision: B2,T14
Packaging Exception: 154
Non Bulk Pack: 202
Bulk Pack: 242
Max Qty Pass: 1 L
Max Qty Cargo: 30 L
Vessel Stow Req: A

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Detail IMO Information

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IMO PSN Code: DTF
IMO Proper Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S.
IMDG Page Number: 8136
UN Number: 1719
UN Hazard Class: 8
IMO Packaging Group: II/III
Subsidiary Risk Label: -
EMS Number: 8-06
MED First Aid Guide NUM: 705

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Detail IATA Information

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IATA PSN Code: FSV
IATA UN ID Num: 1719
IATA Proper Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S. *
IATA UN Class: 8
IATA Label: CORROSIVE
UN Packing Group: II
Packing Note Passenger: 809
Max Quantity Pass: 1L
Max Quant Cargo: 30L
Packaging Note Cargo: 813
Exceptions: A3

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Detail AFI Information

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AFI PSN Code: FSV
AFI Symbols: *
AFI Proper Shipping Name: CAUSTIC ALKALI LIQUIDS, N.O.S.
AFI Hazard Class: 8
AFI UN ID NUM: UN1719
AFI Packing Group: II
Special Provisions: P4
Back Pack Reference: A12.3

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HAZCOM Label

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Product ID: DALIC CADMIUM (NO BAKE) PLATING SOLUTION, CODE 2023

Cage: 11924

Company Name: SIFCO SELECTIVE PLATING DIV OF SIFCO INDUSTRIES INC.

Street: 5708 SCHAAF ROAD

City: CLEVELAND OH

Zipcode: 44131-1394

Health Emergency Phone: 216-881-8600

Label Required IND: Y

Date Of Label Review: 06/26/1996

Status Code: C

MFG Label NO: NONE

Label Date: 06/26/1996

Year Procured: 1992

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: D

ANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Severe

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: ACUTE:DANGER!CORROSIVE! CAUSES SEVERE BURNS. MAY BE FATAL IF SWALLOWED. MAY CAUSE PERMANENT EYE INJURY AND/OR ALLERGIC SKIN REACTION. CHRONIC:CHRONIC DERMATITIS,STAINED TEETH,LOSS OF SENSE OF SMELL, W EIGHT LOSS, ANEMIA, EMPHYSEMA. TARGET ORGANS: RESPIRATORY SYSTEM,LIVER,KIDNEYS,PROSTATE,BLOOD,SKIN. STORE AT 50-90F AWAY FROM INCOMPATIBLE

S. PROTECT CONTAINERS FROM SPILLAGE OR MECHANICAL INJURY. FIRST AID: INHALATION:REMOVE TO FRESH AIR. EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL HELP. SKIN:WASH WITH SOAP AND WATER. GET MED ATTENTION FOR BURNS & IRRITATION. INGESTION:DO NOT INDUCE VOMITING. GET MEDICAL HELP IMMEDIATE

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