

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

MSDS Safety Information

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,INC.
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

Contractor Summary

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

Item Description Information

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

Ingredients

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 DERMATITIS,STAINED TEETH,LOSS OF SENSE OF SMELL,COUGH,DIFFICUL

T 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 LU

NGS. 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 WATER. REMOVE CONTAMINATED CLOTHING. GET MED ATTENTION FOR BURN

S & 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.

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Fire and Explosion Hazard Information

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Flash Point Text: NONE
Lower Limits: NONE
Upper Limits: NONE
Extinguishing Media: ALL
Fire Fighting Procedures: WEAR FACE SHIELD/GOGGLES, IMPERVIOUS GLOVES, BOOTS

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PROTECTIVE CLOTHING, NIOSH APPROVED RESPIRATORY 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.

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Control Measures

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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

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Physical/Chemical Properties

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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 Gravity: 1.165
PH: 11
Evaporation Rate & Reference: SLOWER TH

AN ETHYL ETHER
Solubility in Water: COMPLETE
Appearance and Odor: COLORLESS TO LIGHT YELLOW LIQUID, AMMONIA-LIKE ODOR.
Corrosion Rate: UNKNOWN

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: HEAT, FLAME AND SPARKS.
Materials To Avoid: STRONG OXIDIZERS AND ACIDS.
Hazardous Decomposition Products: OXIDES OF CARBON, NITROGEN, & CADMIUM.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 11924
Trans ID NO: 69336
Product 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.

Detail DOT Information

DOT PSN Code: CXY
Symbols: G
DOT Proper Shipping Name: CAUSTIC ALK

ALI 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. o
IMDG Page Number: 8136
UN Number: 1719
UN Hazard Cl
ass: 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 Quant Pass: 1L
Max Quant Cargo: 30L
Packaging Note Cargo: 813
Exce
ptions: 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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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: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Co

ntact 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 INCOMPATIBLES. PROTECT CONTAINERS FROM SPILLAGE OR MECHANICAL INJURY. FIRS T

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