

SIFCO METACHEMICAL DIV OF SIFCO INDUSTRIES,INC. -- 1010 CLEANING AND DEOXIDIZING SOLUTION -- 6850-01-046-0291

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Product Identification
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Product ID:1010 CLEANING AND DEOXIDIZING SOLUTION

MSDS Date:04/17/1990

FSC:6850

NIIN:01-046-0291

MSDS Number: BQCVY

==== Responsible Party ====

Company Name:SIFCO METACHEMICAL DIV OF SIFCO INDUSTRIES,INC.

Address:5708 SCHAAF ROAD

City:CLEVELAND

State:OH

ZI

P:44131-1394

Country:US

Info Phone Num:216-881-8600

Emergency Phone Num:216-881-8600

Preparer's Name:WERNER A EHRENSCHNEIDER

CAGE:11924

==== Contractor Identification ====

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

Address:5708 SCHAAF ROAD

Box:City:CLEVELAND

State:OH

ZIP:44131-1394

Country:US

Phone:216-524-0099/ FAX: -6331

CAGE:11924

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Composition/Information on Ingredients
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Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB49000

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Fraction by Wt: 5%

Other REC Limits:NOT SPECIFIED

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:UNIDENTIFIED COMPONENTS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:DANGER! TOXIC! CAUSES SEVERE BURNS!

MAY BE FATAL IF SWA

ALLOWED. MAY CAUSE PERMANENT EYE INJURY. HARMFUL
IF INHALED. CHRONIC EXPOSURE MAY CAUSE CHRONIC DERMATITIS.
Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT
IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:BURNING NOSE & THROAT, SNEEZING, COUGHING,
SEVERE IRRITATION, PULMONARY EDEMA IF INHALED. INTENSE EYE
IRRITATION, WATERING, BURNS, ULCERATION. MAY CAUSE LOSS OF EYES.
ITCHING, TINGLING, PAINFUL ULCERATION, SHOCK IF SKIN IS CONTACTED.

ORALLY CAN CAUSE INTENSE BURNING SENSATION IN MOUTH, THROAT,
STOMACH, BLOODY DIARRHEA.

Medical Conditions Aggravated by Exposure:RESPIRATORY DISORDERS ASTHMA,
CHRONIC EYE AND SKIN CONDITIONS, ALLERGIES. DERMATITIS OR PRIOR
SENSITIZATION.

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

First Aid:GET MEDICAL ATTENTION IMMEDIATELY.EYE/SKIN: IMMEDIATELY FLUSH
WITH WATER FOR AT LEAST 15 MINUTES.HOLD EYELIDS OPEN.

INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN

N/CPR IF NEEDED.ORAL:DO

NOT INDUCE VOMITING.IF CONSCIOUS,RINSE MOUTH & DRINK
COLD WATER,MILK WITH 1-2 RAW EGGS,FRUIT JUICE,A GLASS OF 1/3 VINEGAR
AND 2/3 WATER.CALL A PHYSICIAN IMMEDIATELY.NEVER GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUS PERSON

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

Flash Point:NONE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:MFR: ALL HMIS:PRODUCT IS NON FLAMMABLE.

EXTINGUISH FIRE WITH MEDIA APPROPRIATE FOR SOURCE OF
FIRE.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-
APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE.
RUNOFF FROM FIRE CONTROL WATER MAY CAUSE POLLUTION.

Unusual Fire/Explosion Hazard:EXCESSIVE HEAT MAY CAUSE CONTAINERS TO
BURST. CONTACT WITH ALUMINUM, MAGNESIUM, TIN AND ZINC MAY GENERATE
FLAMMABLE OR EXPLOSIVE HYDROGEN GAS.

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

Spill Release Procedures:VENTILATE AREA. CAREFULLY

MOP UP OR VACUUM

SPILL AND TRIPLE RINSE WATER INTO A SUITABLE PLASTIC CONTAINER. DO NOT RELEASE INTO SOIL/SEWERS/WATERWAYS.

Neutralizing Agent:DILUTE HYDROCHLORIC ACID (6M)

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

Handling and Storage Precautions:KEEP TIGHTLY CLOSED. STORAGE-STORE AT 50-90F AWAY FROM INCOMPATIBLE MATERIALS. PROTECT CONTAINERS FROM SPILLAGE & MECHANICAL INJURY.

Other Precautions:NONE

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

Respiratory Protection:USE NIOSH/MSHA RESPIRATOR APPROPRIATE FOR EXPOSURE. POWERED AIR PURIFYING 2-50 MG.M3. FULL FACE PIECE POWERED AIR PURIFYING 2-100 MG/M3, AIR SUPPLIED RESPIRATOR OR SCBA 2-250 MG/M3

Ventilation:USE LOCAL EXHAUST TO MEET PEL.

Protective Gloves:NEOPRENE, VINYL, LATEX, NITRILE

Eye Protection:SPLASH-PROOF CHEMICAL GOGGLES/FACESHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER, PLUS IMPERVIOUS CLOTHING AS DICTATED BY JOB CONDITIONS.

Work Hygienic Practices:USE BUDDY SYSTEM & GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING

Supplemental Safety and Health

MFR DID NOT PROVIDE INGREDIENT # 2 AND 3. CLAIMED TRADE SECRET.

INGREDIENTS OBTAINED FROM EARLIER MSDS. MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY ASSIGNED NSN AND CAGE CODE.

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

HCC:B1

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:>2

12F,>100C

Melt/Freeze Pt:M.P/F.P Text: