



ALKALINE PLATING SOL'N CODE 2051

MSDS Number

BBJQV

National Stock Number

6850-00F001660

Product Name

ALKALINE PLATING SOL'N CODE 2051

Manufacturer

SIFCO SELECTIVE PLATING DIV OF SIFCO INC

Product Identification

Product ID:ALKALINE PLATING SOL'N CODE 2051

MSDS Date:11/01/1985

FSC:6850

NIIN:00F001660

MSDS Number: BBJQV

Responsible Party

SIFCO SELECTIVE PLATING/DIV OF SIFCO INC

5708 SCHAAF ROAD

CLEVELAND , OH 44131

Emergency Phone: (216) 881-8600

Info Phone: (216) 881-8600

Preparer: WERNER A EHRENSCHNEIDER

Cage: DO645

Contractor

SIFCO SELECTIVE PLATING, DIV OF SIFCO INDUSTRIES INC

CLEVELAND, OH 44131-1394

US

216-524-0099

Cage: DO645

Ingredients

ETHYLENEDIAMINE (SARA III)

CAS: 107-15-3

RTECS: KH8575000

Fraction By Weight:

OSHA PEL10 PPM

ACGIH TLV: S, 10 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

COPPER ETHYLENEDIAMINE SULFATE

Fraction By Weight: 5.3%

OSHA PEL0.1 MG/M3 FUME/DUST

ACGIH TLV: 0.2 MG/M3 FUME/DUST



Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: IRRITATION/CORROSION OF RESPIRATORY TRACT/LUNGS. INGESTION: SEVERE BURNS/PAIN IN MOUTH & THROAT, NAUSEA, VOMITING, CONVULSIONS, KIDNEY/LIVER DAMAGE W/JAUNDICE & MAY BE FATAL & FOLLOWED BY DELAYED GASTRIC OR ESOPHAGEAL PERFORATION. EYE: CONJUNTIVAL EDEMA & CORNEAL DAMAGE/DESTRUCTION.
Explanation of Carcinogenicity:NO
Effects of Overexposure:SKIN: REPEATED CONTACT MAY CAUSE SENSITIZATION & DERMATITIS, GELATINOUS, NECROTIC, SLOW BUT DEEPLY PENETRATING BURNS. INHALATION: COPPER-CONTAINING SPRAYS MAY INCREASE INCIDENCE OF LUNG CANCER, POSSIB LE HEPATIC INJURY.
Medical Cond Aggravated by Exposure:SENSITIZATION & DERMATITIS.

First Aid

First Aid:INGESTION: DON'T INDUCE VOMITING. GIVE LARGE QTYS OF WATER OR MILK. CALL PHYS. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. EYE/SKIN: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS WHILE REMOV ING CONTAMINATED CLOTHING/SHOES. CALL PHYS. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL PHYSICIAN.

Fire Fighting

Flash Point:NONE
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:WATER
Unusual Fire/Explosion Hazard:EXCESSIVE HEAT MAY CAUSE CONTAINERS TO BURST.

Accidental Release

Spill Release Procedures:CAREFULLY MOP UP OR VACUUM SPILL & RINSE WATER INTO A SUITABLE PLASTIC CONTAINER. FLUSH SPILL AREA W/PLENTY OF WATER.

Handling

Handling and Storage Precautions:DON'T GET IN EYES, ON SKIN/CLOTHING. DON'T BREATHE DUST, VAPOR OR MIST. USE W/ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.
Other Precautions:KEEP CONTAINER TIGHTLY CLOSED IN UPRIGHT POSITION. STORE AT 50-90F AWAY FROM INCOMPATABLE MATERIALS. PROTECT CONTAINERS AGAINST SPILLAGE/PHYSICAL INJURY. FLUSH CONTAINER CLEAN BEFORE DISCARDING.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA-APPROVED RESPIRATORY PROTECTION AS REQUIRED.
Ventilation:LOCAL EXHAUST: REQUIRED
Protective Gloves:NEOPRENE, VINYL
Eye Protection:GOGGLES, FACESHIELD
Other Protective Equipment:EYE BATH, SAFETY SHOWER.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING/SHOES.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:>212F
Melt/Freeze Pt:M.P/F.P Text:Spec Gravity:1.137-1.147
pH:12.1
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:COMPLETE
Appearance and Odor:PURPLE LIQUID, AMMONIA-LIKE ODOR.

Stability



Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, OXIDIZERS

Stability Condition to Avoid: HEAT, STORE AT 50-90F

Hazardous Decomposition Products: OXIDES OF SULFUR, NITROGEN, CO₂, COPPER

Disposal

Waste Disposal Methods: SEND TO LOCAL TREATMENT/DISPOSAL FACILITY.
DISPOSE OF ACCORDING TO LOCAL, STATE & FEDERAL REGULATIONS.

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