

## **SELECTION NICKEL (HIGH TEMP)**

### **MSDS Number**

BSBJK

### **National Stock Number**

6850-00N040421

### **Product Name**

SELECTION NICKEL (HIGH TEMP)

### **Manufacturer**

SIFCO SELECTIVE PLATING

### **Product Identification**

Product ID:SELECTION NICKEL (HIGH TEMP)

MSDS Date:05/29/1992

FSC:6850

NIIN:00N040421

MSDS Number: BSBJK

### **Responsible Party**

SIFCO SELECTIVE PLATING

5708 SCHAAF RD

CLEVELAND , OH 44131-1394

US

Emergency Phone: 216-524-0099;216-881-8600

Info Phone: 216-524-0099;216-881-8600

Preparer: WERNER EHRENSCHNEIDER

Cage: DO645

### **Contractor**

SIFCO SELECTIVE PLATING, DIV OF SIFCO INDUSTRIES INC

CLEVELAND, OH 44131-1394

US

216-524-0099

Cage: DO645

### **Ingredients**

1)

CAS: 7786-81-4

RTECS: QR9350000

Fraction By Weight:

OSHA PEL0.1 MG/M3 (NI)

ACGIH TLV: 0.1 MG/M3 (NI)

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

FORMIC ACID

CAS: 64-18-6

RTECS: LQ4900000

Fraction By Weight:

OSHA PEL5 PPM, S

ACGIH TLV: 5 PPM, S

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

## NONHAZARDOUS INGREDIENTS

Fraction By Weight:

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE: IMMEDIATE IRRITATION TO EYES, NOSE & THROAT. CONTACT W/SKIN MAY CAUSE DERMATITIS. AN ALLERGIC REACTION &/OR SENSITIZATION MAY OCCUR. CHRONIC: RESPIRATORY DISEASE AND TISSUE DAMAGE. MFR STATES T HAT NICKEL SULFATE IS AN IARC LISTED CARCINOGEN.

Explanation of Carcinogenicity:NICKEL SULFATE (AS NICKEL SALT) IS LISTED AS IARC GRP 2B (FPL49, P410, '90) (LUNG CARCINOGEN IN ANIMALS).

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:CHRONIC RESPIRATORY CONDITION IN PERSONS W/IMPAIRED PULMONARY FUNCTION. PERSONS W/PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE THAN OTHERS.

## First Aid

First Aid:INHAL: REMOVE TO FRESH AIR. SKIN: FLUSH WITH COLD WATER. IF IRRITATION DEVELOPS &/OR PERSISTS, CONSULT A PHYSICIAN. EYES: FLUSH WITH COLD WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN. INGEST: GI VE LARGE QTY OF WATER TO DILUTE ACID. DO NOT INDUCE VOMIT. CONSULT A PHYSICIAN IMMEDIATELY.

## Fire Fighting

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

## Accidental Release

Spill Release Procedures:VENTILATE AREA. NEUTRALIZE SPILL WITH SODA ASH OR ABSORB WITH AN INERT MATERIAL. DO NOT FLUSH TO SEWER/DRAIN.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE AWAY FROM HEAT. PROPER TRAINING SHOULD BE GIVEN TO PERSONNEL HANDLING THIS MATERIAL.

Other Precautions:IF CLOTHING SHOULD BECOME CONTAMINATED WITH THIS MATERIAL, IT SHOULD BE DRENCHED WITH WATER AND NOT WORN AGAIN UNTIL LAUNDERED.

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED DUST AND MIST RESPIRATOR, 3M #9920.

Ventilation:LOCAL EXHAUST: ADEQUATE.

Protective Gloves:IMPERVIOUS RUBBER.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:ANY OTHER PROTECTIVE EQUIPMENT SO AS NOT TO SPLASH ON SKIN. SAFETY SHOWER AND EYEWASH STATION.

Work Hygienic Practices:EATING & SMOKING SHOULD NOT BE PERMITTED IN AREAS WHERE MATL IS HNDLD/STORED. EMPLOYEES WHO HANDLE THIS MATL (SUPP DATA)

Supplemental Safety and Health

HYGIENE PRACT: SHOULD WASH HANDS AND FACE THORO BEFORE EATING, SMOKING OR USING REST ROOM FACILITIES.

## Chemical Properties

Boiling Pt:B.P. Text:212F,100C

Spec Gravity:1.308(H\*2O=1)

pH:2.1

Solubility in Water:MISCIBLE

Appearance and Odor:GREEN SOLUTION, WITH NO DISCERNABLE ODOR

## Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS (CHROMIC ACID, NITRIC ACID, SODIUM PEROXIDE).

Hazardous Decomposition Products:CARBON MONOXIDE CAN BE RELEASED IN A FIRE.

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH STATE, FEDERAL AND LOCAL REGULATIONS.

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