

## **SPS 5204 SELECTRON COBALT SB HB**

### **MSDS Number**

BNCTD

### **National Stock Number**

6850-00N026341

### **Product Name**

SPS 5204 SELECTRON COBALT SB HB

### **Manufacturer**

SELECTRONS LTD

### **Product Identification**

Product ID:SPS 5204 SELECTRON COBALT SB HB

MSDS Date:06/09/1989

FSC:6850

NIIN:00N026341

MSDS Number: BNCTD

### **Responsible Party**

SELECTRONS LTD

137 MATTATUCK HEIGHTS RD

WATERBURY , CT 06725-0115

US

Emergency Phone: 203-755-9900

Info Phone: 203-755-9900

Cage: 13929

### **Contractor**

SELECTRONS LTD

115

WATERBURY, CT 06725-0115

US

203-755-9900

Cage: 13929

### **Ingredients**

COBALT (III) SULFATE; (COBALT SULFATE)

CAS: 10124-43-3

RTECS: GG3100000

Fraction By Weight: < 35%

OSHA PEL0.1 MG/M3 (MFR)

FORMIC ACID

CAS: 64-18-6

RTECS: LQ4900000

Fraction By Weight: < 7%

OSHA PEL9 MG/M3

ACGIH TLV: 5 PPM;10 STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

NON-HAZARDOUS INGREDIENT; (NON-HAZARDOUS INGREDIENTS AND/OR

Fraction By Weight: < 58%

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE: IMMEDIATE IRRITATION TO EYES, NOSE AND THROAT. INHALATION OF VAPOR CAN CAUSE SEVERE DAMAGE TO LINING OF NOSE, THROAT AND LUNGS. CONTACT CAN CAUSE SEVERE DAMAGE TO EYES AND SKIN. CHRONIC: CONTINUOUS HEAVY EXPOSURE TO FUMES CAN CAUSE RESPIRATORY COMPLICATIONS AND TISSUE DAMAGE.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

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

## First Aid

First Aid:EYE: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN. CONSULT A PHYSICIAN. SKIN: FLUSH AREA WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN. IF IRRITATION DEVELOPS AND/OR PERSISTS, CONSULT A PHYSICIAN. INGEST: GIVE LARGE QUANTITIES OF WATER TO DILUTE THE ACID. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY. INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O<sub>2</sub>/ARTF RESP) .

## Fire Fighting

Extinguishing Media:NO RESTRICTIONS. EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE .

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

## Accidental Release

Spill Release Procedures:NEUTRALIZE SPILL WITH SODA ASH AND ABSORB WITH AN INERT MATERIAL. REMOVE TO A DISPOSAL AREA. DO NOT FLUSH INTO A SEWER OR DRAIN.

Neutralizing Agent:NEUTRALIZE WITH SODA ASH.

## Handling

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

Other Precautions:IF CLOTHING SHOULD BECOME SPLASHED OR CONTAMINATED WITH THIS PRODUCT, IT SHOULD BE DRENCHED WITH WATER AND NOT WORN AGAIN UNTIL LAUNDERED. DO NOT PERMIT EATING/SMOKING IN AREAS WHERE MATERIAL IS HANDLED/STORED.

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED DUST AND MIST RESPIRATOR. 3M #8710-NIOSH/MSHA APPROVED.

Ventilation:LOCAL EXHAUST: ADEQUATE EXHAUST.

Protective Gloves:IMPERVIOUS RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:SAFETY SHOWERS AND EYE WASH FACILITIES SHOULD BE PROVIDED FOR EMERGENCY USE. PROTECTIVE EQUIPMENT TO PREVENT SPLASH ON SKIN.

Work Hygienic Practices:EMPLOYEES WHO HANDLE THIS MATERIAL SHOULD WASH THEIR HANDS & FACE THOROUGHLY BEFORE EATING/SMOKING/USING REST ROOM FACILITIES.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

## **Chemical Properties**

HCC:C1  
Boiling Pt:B.P. Text:212F,100C  
Spec Gravity:1.195  
pH:2.0  
Solubility in Water:COMPLETE  
Appearance and Odor:RED TO PURLE COLOR-NO DISCERNIBLE ODOR.

## **Stability**

Stability Indicator/Materials to Avoid:YES  
STRONG ALKALINE MATERIALS - OXIDIZERS.

## **Disposal**

Waste Disposal Methods:MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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