

## **SCM 4100 SELECTRON ELECTROCLEANING SOLUTION**

### **MSDS Number**

BGHPD

### **National Stock Number**

6850-01-046-0291

### **Product Name**

SCM 4100 SELECTRON ELECTROCLEANING SOLUTION

### **Manufacturer**

SELECTRONS LTD

### **Product Identification**

Product ID: SCM 4100 SELECTRON ELECTROCLEANING SOLUTION

MSDS Date: 09/24/1990

FSC: 6850

NIIN: 01-046-0291

MSDS Number: BGHPD

### **Responsible Party**

SELECTRONS LTD

137 MATTATUCK HEIGHTS ROAD

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**

NON-HAZARDOUS INGREDIENTS AND/OR WATER

Fraction By Weight: >90%

SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight:

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

### **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-EXTREMELY CORROSIVE TO ANY TISSUE WHICH IT COMES IN CONTACT WITH.INGESTION:SEVERE BURNS OF MOUTH & STOMACH.DEATH MAY OCCUR.EYES:IRRITATION & BURNS POSSIBLE BLINDNESS.SKIN:IRRITATION & BURNS.INHA LATION:SEVERE PNEUMONITIS MAY OCCUR.CHRONIC-CONTINUOUS HEAVY EXPOSURE TO FUMES CAN CAUSE RESPIRATORY DISEASE & DAMAGE.  
Effects of Overexposure:SEE HEALTH HAZARDS SECTION.  
Medical Cond Aggravated by Exposure:IMPAIRED PULMONARY FUNCTION. RESPIRATORY, SKIN, AND EYE DISORDERS. PERIODIC CHECKUPS SHOULD BE GIVEN TO WORKERS EXPOSED TO THIS CHEMICAL, ESPECIALLY IF SAFETY PRECAUTIONS ARE NOT ADHERED TO.

## First Aid

First Aid:SEEK MEDICAL ATTENTION.INHALATION:REMOVE TO FRESH AIR. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES,LIFTING UPPER & LOWER LIDS OCCASIONALLY.SKIN:IMMEDIATELY WASH WITH PLENTY OF WATER FOR 15 MINUTES .INGESTION:DO NOT INDUCE VOMITING.DRINKWATER TO DILUTE THE CAUSTIC.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:NO RESTRICTION. WATER, CARBON DIOXIDE, DRY CHEMICAL...  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS & CHEMICAL RESISTANT CLOTHING. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED

## Accidental Release

Spill Release Procedures:ABSORB SPILL WITH AN INERT MATERIAL. DISPOSE OF PROPERLY.  
Neutralizing Agent:DILUTE ACETIC ACID

## Handling

Handling and Storage Precautions:STORE IN COOL AREA.KEEP CONTAINER TIGHTLY CLOSED.KEEP IT AWAY FROM ACIDS.  
Other Precautions:DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.WASH THOROUGHLY AFTER HANDLING.DO NOT EAT,DRINK OR SMOKE IN WORK AREA.IF CLOTHING SHOULD BECOME CONTAMINATED WITH THIS MATERIAL,IT SHOULD BE DRENCHED WITH W ATER AND NOT WORN UNTIL LAUNDERED.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED DUST & MIST & FUMES RESPIRATOR AS NECESSARY (3M # 9920).  
Ventilation:LOCAL EXHAUST VENTILATION IS REQUIRED.  
Protective Gloves:RUBBER  
Eye Protection:SAFETY CHEMICAL GOGGLES & FACE SHIELD  
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.CHEMICAL RESISTANT BOOTS, APRON, AND PROTECTIVE CLOTHING AS REQUIRED BY JOB CONDITIONS.  
Work Hygienic Practices:WASH HANDS AND FACE THOROUGHLY BEFORE EATING, DRINKING OR USING REST ROOM FACILITIES.  
Supplemental Safety and Health  
EATING AND SMOKING SHOULD NOT BE PERMITTED IN AREAS WHERE THIS MATERIAL IS HANDLED OR STORED. PROPER TRAINING SHOULD BE GIVEN TO EMPLOYEES HANDLING THIS MATERIAL.

## Chemical Properties

HCC:B1  
Boiling Pt:≈100.C, 212.F  
Spec Gravity:1.047  
pH:13.0  
Solubility in Water:COMPLETE  
Appearance and Odor:WATER WHITE SOLUTION -- NO ODOR

## Stability

Stability Indicator/Materials to Avoid: YES

MINERAL ACIDS (PHOSPHORIC, HYDROCHLORIC), CHLORINATED SOLVENTS

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: NONE

## Disposal

Waste Disposal Methods: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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