

SELECTRONS LTD. -- SCM 4200,SELECTRON ACTIVATOR #1 SOLUTION -- 6850-01-011-2349  
===== Product Identification =====

Product ID:SCM 4200,SELECTRON ACTIVATOR #1 SOLUTION

MSDS Date:01/01/1987

FSC:6850

NIIN:01-011-2349

MSDS Number: BGDDC

=== Responsible Party ===

Company Name:SELECTRONS LTD.

Emergency Phone Num:(203)-755-9900

CAGE:LO249

=== Contractor Identification ===

Company Name:SELECTRONS LTD

Add

ress:137 MATTATUCK HEIGHTS ROAD

Box:115

City:WATERBURY

State:CT

ZIP:06725-0115

Country:US

Phone:203-755-9900

CAGE:13929

Company Name:SELECTRONS LTD.

Address:137 MATTATUCK HEIGHTS ROAD

Box:115

City:WATERBURY

State:CT

ZIP:06725-0115

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===== Composition/Information on Ingredients =====

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 5.0%

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT

Rpt Qty:1000 LBS

Ingred Name:WATER; CAS #7332-18-5

CAS:7732-18-5

RTECS #:ZC0110000

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===== Hazards Identification =====

Effects of Overexposure:EYES/SKIN:CAN CAUSE SEVR BURNS;INHAL:VAP MIST  
CAN SEVERELY INJURE MUC MEMBRANES & LUNGS.

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

First Aid:INGEST:DO NOT INDUCE VOMIT.GIVE LG AMT H<sub>2</sub>O TO  
DILUTE;INHAL:RMV TO FRESH AIR.GIVE CPR/OXYGN IF NEED.GET MED ATTN  
IMMED;SKIN/EYES:IMMED FLUS  
H W/LG AMT OF WATER.A SAFETY SHOWER  
SHOULD BE USED WHILE RMVG CONTAMNTD CLOTHG.CONSULT PHYSICIAN  
FORSEVR BURNS

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

Flash Point:NONE

Extinguishing Media:CO<sub>2</sub>,FOAM,DRY CHEM;AVOID SPRAYING WATER INTO  
SULFURIC ACID.

Fire Fighting Procedures:FIGHT FIRE FROM DISTANCE. STREAM OF WATER MAY  
BE INEFFECTIVE

Unusual Fire/Explosion Hazard:IF SPRAYED WATER,FORMS CORR MIST.AT HIGH  
TEMP,SO<sub>2</sub>/SO<sub>3</sub> WILL BE GENERTD.MISTS REACT  
W/METAL TO H<sub>2</sub>.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK W/O  
RISK. EVACUATE AREA. SM SPILL:ABSORB WITH INERT ABSORBENT,FLUSH  
AREA WITH WATER. LG SPILL:NEUTRALIZE WITH SODA ASH. FLUSH  
NEUTRALIZED SOLUTION TO SEWER IN ACC ORDANCE WITH INTERNATIONAL  
FED,STA, & LOCAL REGS.

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

Handling and Storage Precautions:KEEP AWAY FM HEAT.S

TORE IN COOL, DRY

VENTILATED AREA; KEEP IN TIGHTLY CLOSED CONTAINER. AVOID PHYSICAL DAMAGE.

Other Precautions: NO SMOKING NEAR ACID TANK. DO NOT ADD WATER TO ACID TO AVOID SPURTING & ACID FUME/MIST. DO NOT STORE NEAR METALS OR METALLIC POWDER BECAUSE H<sub>2</sub> GAS CAN BE FORMED WHICH FORM EXPLSV MIXTURE W/AIR.

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

Respiratory Protection: ACID ABSORBING MIST CANISTER NIOSH APPROVED

Ventilation: LOCAL EXHAUST TO ELIMINATE MIST

S/FUMES/GASES.

Protective Gloves: LONG RUBBER, IMPR

Eye Protection: CHEM SPLASH GOGGLES

Other Protective Equipment: FACE WASH, SAFETY SHOWER

Supplemental Safety and Health

MSDS FM MFR DATED: D-8/5/85; PH OF SOLUTION: 0.80

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

HCC: C1

Boiling Pt: B.P. Text: >212F

Spec Gravity: 1.058

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR, COLORLESS SOLUTION-NO ODOR; PH: 0.80

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===== Stability and Reactivity Data =====

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Stability Indicator/Materials to Avoid: YES

FLAMMABLE LIQ, CARBIDES, METALLIC POWDERS.

Hazardous Decomposition Products: WHEN HEATED TO DECOMPOSITION, GIVES SO<sub>2</sub>/SO<sub>3</sub>.

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===== Disposal Considerations =====

Waste Disposal Methods: KEEP IN COVERED DRUMS, PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE, & LOCAL REGULATIONS.

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