

IRON BLACK SOLUTION,SAS 5520

MSDS Number

BHVCS

National Stock Number

6850-00N010479

Product Name

IRON BLACK SOLUTION,SAS 5520

Manufacturer

SELECTRONS LTD

Product Identification

Product ID:IRON BLACK SOLUTION,SAS 5520

MSDS Date:06/27/1989

FSC:6850

NIIN:00N010479

MSDS Number: BHVCS

Responsible Party

SELECTRONS LTD

137 MATTATUCK HEIGHTS RD

WATERBURY , CT 06725-0115

Emergency Phone: 203-755-9900

Info Phone: 203-755-9900

Cage: 1EM30

Contractor

SELECTRONS LTD

115

WATERBURY, CT 06725-0115

203-755-9900

Cage: 1EM30

Ingredients

FERROUS SULFATE (SARA III)

CAS: 7782-63-0

RTECS: NO8510000

Fraction By Weight:

OSHA PEL1 MG FE/M3

ACGIH TLV: 1 MG FE/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight:

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

GLYCERIN

CAS: 56-81-5

RTECS: MA8050000

Fraction By Weight:

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 (MIST) 9293

Hazards

LD50 LC50 Mixture:N/K

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

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

Health Hazards Acute and Chronic:REPEATED AND PROLONGED INHALATION OF THE MIST CAN INJURE LUNGS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES:SEVERE BURNS.SKIN:SEVERE

BURNS.INGESTION:N/K .INHALATION:REPEATED AND PROLONGED INHALATION OF MIST CAN INJURE LUNGS .

Medical Cond Aggravated by Exposure:PERSONS WITH CHRONIC RESPIRATORY CONDITIONS AND/OR PRE-EXISTING SKIN DISORDERS SUCH AS DERMATITIS MAY BE MORE SUSCEPTIBLE THAN OTHERS.

First Aid

First Aid:EYES:FLUSH WITH COLD WATER FOR AT LEAST 15 MINUTES.CONSULT A PHYSICIAN.SKIN:FLUSH WITH COLD WATER.IF IRRITATION DEVELOPS AND/OR PERSISTS,CONSULT A PHYSICIAN.INGESTION:GIVE LARGE AMOUNTS OF WATER TO DI LUTE THE ACID.DO NOT INDUCE VOMITING.CONSULT A PHYSICIAN IMMEDIATELY.INHALATION:REMOVE TO FRESH AIR.

Fire Fighting

Flash Point:NONE

Extinguishing Media:CARBON DIOXIDE,FOAM,DRY CHEMICAL.

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

Unusual Fire/Explosion Hazard:IF EXPOSED TO EXTREME HEAT,THE SOLUTION CAN EMIT SO*X GASES.

Accidental Release

Spill Release Procedures:NEUTRALIZE WITH SODA ASH OR LIME.USE WITH ADEQUATE VENTILATION,AS CARBON DIOXIDE GAS IS EVOLVED.ABSORB WITH AN INERT MATERIAL.

Neutralizing Agent:SODA ASH OR LIME.USE WITH ADEQUATE VENTILATION AS CARBON DIOXIDE IS EVOLVED.

Handling

Handling and Storage Precautions:EATING AND SMOKING SHOULD NOT BE PERMITTED IN AREAS WHERE HANDLED OR STORED.PROPER TRAINING SHOULD BE GIVEN TO PERSONNEL HANDLING THIS MATERIAL.

Other Precautions:IF CLOTHING SHOULD BE CONTAMINATED WITH THIS MATERIAL,DISPOSE OF CLOTHING OR DRENCH CLOTHING WITH WATER AND DO NOT WEAR AGAIN UNTIL LAUNDERED.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:LOCAL AND GENERAL VENTILATION NECESSARY TO KEEP AIR CONCENTRATION BELOW TLV .

Protective Gloves:IMPERVIOUS RUBBER.

Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:SAFETY SHOWERS AND EYEWASH STATIONS SHOULD BE PROVIDED FOR EMERGENCY USE;OTHER PROT EQUIP TO PREVENT SPLASHES ON SKIN.

Work Hygienic Practices:WASH HANDS & FACE THORO BEFORE EATING,SMOKING,USING RESTROOM FACILITIES.DRENCH CONTAM CLTHG W/ WATER;DO NOT (SEE SUPP)

Supplemental Safety and Health
WORK HYGIENE PRACTICES:WEAR AGAIN UNTIL LAUNDERED.

Chemical Properties

Boiling Pt:B.P. Text:220F,100C
Melt/Freeze Pt:M.P/F.P Text:N/K
Decomp Temp:Decomp Text:N/K
Spec Gravity:1.20 (WATER=1)
pH:1.0
Solubility in Water:COMPLETE
Appearance and Odor:GREEN SOLUTION.NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
COMBUSTIBLE MATERIALS,NITRATES,CARBIDES AND METALLIC POWDERS.
Hazardous Decomposition Products:OXIDES OF SULFUR.

Disposal

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

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