

## **1532, LUMINOX**

### **MSDS Number**

BNBHN

### **National Stock Number**

6850-00N028655

### **Product Name**

1532, LUMINOX

### **Manufacturer**

SELIG CHEMICAL IND

### **Product Identification**

Product ID:1532, LUMINOX

MSDS Date:03/21/1991

FSC:6850

NIIN:00N028655

MSDS Number: BNBHN

### **Responsible Party**

SELIG CHEMICAL IND

840 SELIG DRIVE SW

ATLANTA , GA 30378

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 404-691-9220

Cage: 86938

### **Contractor**

SELIG CHEMICAL INDUS, DIV OF NATIONAL SERVICE INDUS

ATLANTA, GA 30378

US

404-691-9220

Cage: 86938

### **Ingredients**

ETHANOL, 2-BUTOXY-; (2-BUTOXYETHANOL) (BUTYL CELLOSOLVE)

CAS: 111-76-2

RTECS: KJ8575000

Fraction By Weight: 3-5%

OSHA PELS, 50 PPM

ACGIH TLV: S, 25 PPM; 9293

SULFURIC ACID

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight: 18-25%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

HYDROFLUORIC ACID; (HYDROGEN FLUORIDE)

CAS: 7664-39-3

RTECS: MW7875000

Fraction By Weight: 2-4%

OSHA PEL3 PPM;6 PPM STEL (F)

ACGIH TLV: 3 PPM (F), C

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 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:SKIN/EYES:CORROSIVE. INHAL:MAY BE IRRITATING TO THROAT, NASAL PASSAGES & MUCOUS MEMBRANES.

INGEST:CORROSIVE TO THROAT & STOMACH. ANIMAL STUDIES HAVE CLEARLY DEMONSTRATED DOSE-RELATED ADVERSE EFTS ON C NS, HEMPTOPOIETIC TISSUE, BLOOD, KIDNEYS & LIVER ASSOC W/ADMIN OF ETHYLENE GLYCOL MONOBUTYL ETHER (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:(EGBE) (FROM DHHS (NIOSH) PUB #90-118)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:SKIN:RINSE IMMED W/WATER. SEE MD. EYES:FLUSH IMMED W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL MD. INHAL:MOVE TO FRESH AIR. IF IRRIT PERSISTS, CALL MD. INGEST:RINSE MOUTH & GIVE PLENTY OF WATER, FOLLOWED BY MILK, EGG WHITE OR GRUEL. DONOT INDUCE VOMITING. IMMED SEE MD.

## Fire Fighting

Flash Point:NONE

Extinguishing Media:MEDIA SUITABLE FOR SURROUNDING FIRE .

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

Unusual Fire/Explosion Hazard:NONE

## Accidental Release

Spill Release Procedures:ABSORB SPILL W/ABSORB MATL (I.E. SELIG'S AP ABSORB); PICK UP & DEPOSIT IN SEALABLE CNTNR FOR DISP AS HAZ WASTE. THORO CLEAN AREA W/DETERGENT SOLN. RINSE AREA THORO W/CLEAN WATER. Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. AVOID CONTACT W/SKIN & EYES. DO NOT STORE W/CHLORINE BEARING CHEMICALS SUCH AS H T H.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED ACID TYPE RESPIRATOR IN UNVENTILATED AREA.

Ventilation:MECHANICAL VENTILATION.

Protective Gloves:RUBBER OR NEOPRENE GLOVES.

Eye Protection:CHEM WORK GOGG & FULL LGTH FCSHLD.

Other Protective Equipment:ACID PROOF SUIT. EMERGENCY EYE WASH & DELUGE

SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

WASTE DISP METH:AGENCIES FOR PROPER DISP PROCS IN YOUR AREA. IF COMPANY EFFLUENT IS ULTIMATELY TREATED BY PUBLICLY OWNED SEWAGE TREATMENT PLANT, SPENT PROD MAY BE NEUTRALIZED & DISCHARGED TO SEWER. HA Z WASTE #D002.

## Chemical Properties

HCC:C1

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

Spec Gravity:1.13

pH: Solubility in Water:COMPLETE

Appearance and Odor:BLUE COLOR, CHARACTERISTIC ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES

BASE, GLASS, CHLORINE BEARING MATERIALS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:ACID VAPORS.

## Disposal

Waste Disposal Methods:UNUSED PROD MAY HAVE TO BE ABSORB ON INERT MATL (SELIG'S AP ABSORB) & DIPOSED OF AS HAZ WASTE. SM HAZ WASTE GENERATORS SHLD CONSULT 40 CFR 261.5 FOR POSS EXEMPTION. SINCE REGS VARY CONCERNING DISP OF THESE CHEMS, CONSULT YOUR LOC, STATE & FED(SUPDAT)

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