

ELKINS-SINN INC

-- FUROSEMIDE INJECTION;ESIPB113

MSDS Safety Information

FSC: 6505
 NFIN: 01-157-5115
 MSDS Date: 03/24/1993
 MSDS Num: BMSNH
 Product ID: FUROSEMIDE INJECTION;ESIPB113
 MFN: 01
 Responsible Party
 Cage: 51968
 Name: ELKINS-SINN INC
 Address: 2 ESTERBROOK LN
 City: CHERRY HILL NJ 08003
 Info Phone Number: 609-424-3700 / FAX 609-424-8747
 Emergency Phone Number: 609-424-3700
 Review Ind: Y
 Published: Y

Preparer Co. when other than Responsible Party Co.

Cage: 51968
 Name: ELKINS-SINN INC
 Address: 2 ESTERBROOK LANE
 City: CHERRY HILL NJ 08003-4099

Contractor Summary

Cage: 51968
 Name: ELKINS-SINN INC
 Address: 2 ESTERBROOK LANE
 City: CHERRY HILL NJ 08003-4099
 Phone: 800-257-8349/609-424-3700

Item Description Information

Item Name: FUROSEMIDE INJECTION,USP
 Specification Number: NONE
 Type/Grade/Class: NONE
 Unit of Issue: PG
 Quantitative Expression: 0000000025EA
 UI Container Qty: 1
 Type of Container: VIAL

Ingredients

Cas: 54-31-9
 RTECS #: CB2625000
 Name: ANTHRANILIC ACID, 4-CHLORO-N-FURFURYL-5-SULFAMOYL
 % Wt: 1
 Other REC Limits: NONE RECOMMENDED
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED

Cas: 7732-18-5
 RTECS #: ZC0110000
 Name: WATER
 % Wt: >1
 Other REC Limits: NONE RECOMMENDED
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED

Health Hazards Data

LD50 LC50 Mixture: ORAL LD50 (RAT) IS 2600 MG/KG
 Route Of Entry Inds - Inhalation: NO
 Skin: NO
 Ingestion: YES
 Carcinogenicity Inds - NTP: NO
 IARC: NO
 OSHA: NO
 Effects of Exposure: EYES:MAY CAUSE IRRITATION.SKIN:NOT REPORTED.LITERATURE
 DOES NOT SUGGEST DERMAL ABSORPTION AS A ROUTE OF ENTRY.INGEST:MODERATELY
 TOXIC.LARGE DOSES MAY CAUSE PROFOUND OZURESIS(ION) AND DEHYDRATION

INHAL:MAY CAUSE RESPIRATORY IRRITATION.**CHRONIC:**MAY DAMAGE LIVER,PANCREAS AND KIDNEYS WITH POSSIBLE HEARING LOSS.
Explanation of Carcinogenicity: FUROSEMIDE IS LISTED AS CLASS 3 BY IARC(INADEQUATE EVIDENCE OF CARCINOGENICITY).
Signs And Symptoms Of Overexposure: SYSTEMIC POISONING:DRY MOUTH,THIRST,WEAKNESS,LETHARGY,MUSCLE CRAMPS,ANOREXIA,NAUSEA,VOMITING,HYPOKALEMIA/HYPOCHLOREMIC ACIDOSIS(SPECIFICALLY CAUSING CONFUSION,CONVULSIONS,STUPOR,COMA,WEAK/RAPID PULSE,DEEP/RAPID BREATHING)DIZZINESS,HYPOGLYCEMIA,CIRCULATORY DISTURBANCES.
Medical Cond Aggravated By Exposure: PERSONS WITH PRE-EXISTING LIVER,KIDNEY AILMENTS,DIABETES,RESTRICTED SALT INTAKE OR SUSCEPTIBILITY TO GOOT MAY BE AT INCREASED RISK FROM EXPOSURE.ALCOHOL MAY INTENSIFY THE ACTION OF THIS DRUG.
First Aid: SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP OR MILD DETERGENT AND WATER.EYES:FLUSH WITH NORMAL SALINE OR WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF SPONTANEOUS VOMITING OCCUR,KEEP HEAD LOWER THAN HIPS.

Handling and Disposal

Spill Release Procedures: SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIAL IN AN APPROPRIATE CONTAINER FOR DISPOSAL.CLEAN SPILL AREA TO REMOVE SLIPPERINESS.
Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.
Handling And Storage Precautions: STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM INCOMPATIBLE MATERIALS.
Other Precautions: FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.

Fire and Explosion Hazard Information

Flash Point Text: NONE
Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard: FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

Control Measures

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST AND ORGANIC VAPORS.
Ventilation: LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.
Protective Gloves: IMPERVIOUS,AS NEEDED.
Eye Protection: CHEMICAL SPLASH GOGGLES
Other Protective Equipment: PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices: USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.
Supplemental Safety and Health: THIS MEDICATION HAS CROSS REACTIVITY WITH OTHER SULFONAMIDES.

Physical/Chemical Properties

HCC: 83
Decomp Text: UNKNOWN
PH: 8-9.3
Solubility in Water: COMPLETE
Appearance and Odor: LIQUID,CLEAR.COLOR AND ODOR NOT REPORTED.
Corrosion Rate: UNKNOWN

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: ACIDS,BASES,OXIDIZERS.
Hazardous Decomposition Products: UNIDENTIFIED TOXIC SUBSTANCES.
Hazardous Polymerization Indicator: NO

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Code: 51968
 Trans ID NO: 111886
 Product ID: FUROSEMIDE INJECTION;ESIPB113
 MSDS Prepared Date: 03/24/1993
 Review Date: 04/26/1995
 MFN: 1
 Net Unit Weight: UNKNOWN
 AF NTAC Code: NR
 Multiple KIT Number: 0
 Review IND: Y
 Unit Of Issue: PG
 Container QTY: 1
 Type Of Container: VIAL
 Additional Data: NONE

Detail DOT Information

DOT PSN Code: ZZZ
 DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Detail IMO Information

IMO PSN Code: ZZZ
 IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

Detail IATA Information

IATA PSN Code: ZZZ
 IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Detail AFI Information

AFI PSN Code: ZZZ
 AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

HAZCOM Label

Product ID: FUROSEMIDE INJECTION;ESIPB113
 Code: 51968
 Company Name: ELKINS-SINN INC
 Street: 2 ESTERBROOK LANE
 City: CHERRY HILL NJ
 Zipcode: 08003-4099
 Health Emergency Phone: 609-424-3700
 Label Required IND: Y
 Date Of Label Review: 04/26/1995
 Status Code: C
 MFG Label NO: UNKNOWN
 Label Date: 04/26/1995
 Origination Code: F
 Eye Protection IND: YES
 Skin Protection IND: YES
 Signal Word: CAUTION
 Health Hazard: Slight
 Contact Hazard: Slight
 Fire Hazard: Slight
 Reactivity Hazard: None
 Hazard And Precautions: EYES:MAY CAUSE IRRITATION.SKIN:NOT REPORTED.LITERATURE
 DOES NOT SUGGEST DERMAL ABSORPTION AS A ROUTE OF ENTRY.INGEST:MODERATELY
 TOXIC.LARGE DOSES MAY CAUSE PROFOUND DIURESIS(ION) AND DEHYDRATION
 .INHAL:MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:MAY DAMAGE LIVER,PANCREAS AND
 KIDNEYS WITH POSSIBLE HEARING LOSS. FIRST AID: SKIN:REMOVE CONTAMINATED

CLOTHING;WASH WITH SOAP OR MILD DETERGENT AND WATE R.EYES:FLUSH WITH NORMAL SALINE OR WATER FOR 15 MINS.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN/ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF SPON TAMEOUS VOMITING OCCUR,KEEP HEAD LOWER THAN HIPS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employe of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.