

ELKINS-SINN INC -- DIGOXIN INJECTION -- 6505-00-147-4974

===== Product Identification =====

Product ID: DIGOXIN INJECTION
MSDS Date: 09/25/1992
FSC: 6505
NIIN: 00-147-4974
MSDS Number: BWMPD
=== Responsible Party ===
Company Name: ELKINS-SINN INC
Address: 2 ESTERBROOK LN
City: CHERRY HILL
State: NJ
ZIP: 08003
Country: US
Info Phone Num: 609-424-3700 / 800-257-8349
Emergency Phone Num: 609-424-3700/800-424-9300 (CHEMTREC)
CAGE: 51968
=== Contractor Identification ===
Company Name: ELKINS-SINN INC
Address: 2 ESTERBROOK LANE
Box: City: CHERRY HILL
State: NJ
ZIP: 08003-4099
Country: US
Phone: 800-257-8349/609-424-3700
CAGE: 51968

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

Ingred Name: DIGOXIN (SARA III)
CAS: 20830-75-5
RTECS #: IH6125000
Fraction by Wt: 0.02%
Other REC Limits: NONE RECOMMENDED

Ingred Name: PROPYLENE GLYCOL
CAS: 57-55-6
RTECS #: TY2000000
Fraction by Wt: >1%
Other REC Limits: NONE RECOMMENDED

Ingred Name: ETHYL ALCOHOL (ETHANOL)
CAS: 64-17-5
RTECS #: KQ6300000
Fraction by Wt: >1%
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM; 9394

Ingred Name: WATER
CAS: 7732-18-5
RTECS #: ZC0110000
Fraction by Wt: >1%
Other REC Limits: NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 ORAL,MOUSE=17780UG/KG FOR DIGOXIN

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic: DIGOXIN:INGEST:HIGHLY TOXIC.CARDIAC FAILURE,PULM CONGESTIN,EXCRETED IN BREAST MILK,CROSSES PLACENTAL BARRIER,FETAL TOXICITY & NEONATAL DEATH,SUDDEN DEATH.SKIN/INHAL:NO DATA AVAILABLE.HOWEVER SKIN RASH MAY OCCUR AS RARE SIDE EFFECT FROM INGEST.EYE:25MG/100ML 3X/DAY CAUSED INJURY OF CORNEA-REVERSIBLE WHEN DISCONTINUED.

Explanation of Carcinogenicity:PER MSDS:CARCINOGEN STATUS:NONE.

Effects of Overexposure:INGEST:NAU,SALV,VOMIT,DIA,ABD

PAIN/DISCOMFORT,ANOREXIA,MUSCULAR

WEAK,FTG,DROW,HEAD,MALAISE,VERTIGO,IRRITABILITY,FALL IN BLOOD PRESSURE,IRREG PULSE,COLD EXTREMITIES,NEURALGIC PAIN OF LOWER 3RD FACE,MEN TAL DEPRESS,PERSONALITY CHANGES,DEFECTSIN MEM/CONCEN,DELERIUM,HALU,VIS DIST,FRANK PSYCHOSIS,ANEMIA,HEART PROBLEMS.

Medical Cond Aggravated by Exposure:POISONING MAY AFFECT HEART & CNS.

@RISK ARE PERSONS W/RENAL INSUFFICIENCY,HYPOTHYROIDISM,HEART DISORDERS.INTERACTIONS W/MEDICATINS HAVE BEEN REPORTED.

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First Aid Measures
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First Aid:INHAL:REMOVE TO FRESH AIR IMMED.STOP BREATH PERFORM ART RESP.KEEP WARM/RESTED.TREAT SYMPTOM/SUPPORT.SKIN:REMOVE CONTAMIN CLOTH/SHOES IMMED.WASH SKIN W/SOAP/MILD DETERG & LG AMTS OF WATER 15-20MINS.EYE :WASH IMMED W/LG AMTS OF WATER OR NORMAL SALINE OPENING EYELIDS 15-20MINS.INGEST:IF CONSC/NOT CONVUL REMOVE BY THOROUGH GASTRIC LAVAGE OR INDUCE EMESIS W/SYRUP OF IPECAC.IN ALL CASES GET MED ATTN IMME

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Fire Fighting Measures
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Flash Point:129F,54C

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WTER SPRAY OR ALCOHOL-RESISTANT FOAM.LG FIRES:WATER SPRAY,FOG,ALCOHOL-RESISTANT FOAM.

Fire Fighting Procedures:MOVE CNTNR FROM FIRE AREA W/O RISK.COOL CNTNRS SIDES THAT ARE EXPO TO FLAMES W/WATER TIL WELL AFT FIRE IS OUT.CARGO AREA FIRE USE UNMANNED HOSE (SUPPELMENTAL)

Unusual Fire/Explosion Hazard:VAP-AIR MIX EXPLO >FLASH PT.MOD FIRE HAZ WHEN EXPO TO HEAT/FLAME.VAP EXPLO/POISONOUS.DO NOT ALLOW UNNECESASRY PEOPLE IN AREA.CNTNR MAY VIO RUPTURE.TRAVEL DISTAN

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Accidental Release Measures
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Spill Release Procedures:SHUT OFF IGN SOURCES.STOP LEAK W/O RISK.USE WATERSPRAY TO REDUCE VAP.SMALL:TAKE UP SAND/OTHER ABSORBENT MATL.PLACE INTO CNTNR FOR DISPOSAL.LG:DIKE AHEAD OF SPILL FOR DISPOSAL LATER.NO SMOKING/FLAME/FL ARES.KEEP UNNECESSARY PEOPLE AWAY.ISOLATE AREA.

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Handling and Storage
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Handling and Storage Precautions:OBSERVE ALL LOC/STATE/FED REGS WHEN STORING SUBSTANCE.FOR ASSISTANCE CONTACT DISTRICT DIR OF EPA.STORE IAW 29CFR1910.STORE AWAY FROM INCOMPATIBLE SUB

Other Precautions:BOND/GROUND:STUBSTANCES IN PRODUCTION AREAS W/LOW ELECTROCONDUCTIVITY WHICH MAY BE IGNITED BY ELECTROSTATIC SPARKS SHOULD BE STORED IN CNTRNS WHICH MEET BONDING/GROUNDING GUIDELINES

SPECIFIED IN NFPA 77-1983 RECOMMENDED PRACT ON STATIC ELEC

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

Respiratory Protection:SPECIFIC RESP SELECTED MUST BE BASED ON CONTAMIN LEVELS IN WORKPLACE,ON SPECIFIC OPERATION,NOT EXCEED WORKING LIMITS OF RESP,& APPROVED BY NIOSH/MSHA.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION &/OR GENERAL DILUTION VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves:NOT REQUIRED BUT RECOMMENDED.

Eye Protection:SPLASH-ROOF SAF GLASSES

Other Protective Equipment:NOT REQUIRED.AVOI DREPEATED/PROLONGED CONTACT WITH SUBSTANCE.

Work Hygienic Practices:WASH HANDS AFT HANDLING. LAUNDRER CONTAMIN CLOTHING PRIOR TO REUSE. WASH SHOES PRIOR TO REUSE.

Supplemental Safety and Health

FIREFIGHTING:HOSE HOLDER/MONITOR NOZZ;IF IMPOSSIBLE W/D FROM AREA & LET BURN.EXTINGUISH ONLY IF LFOW CAN BE STOPPED;USE WATER INFLOODING AMTS AS FOG.SOLID STREAMS MAY NOT BE EFFECTIVE.COOL CNTNRS W/FL OODING AMTS OF WATER.APPLY FROM AS FAR DISTANCE AS POSSIBLE.AVOID BREATH VAP,KEEP UPWIND.

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

HCC:F4

Appearance and Odor:CLEAR, COLORLESS SOLUTION.

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

Stability Indicator/Materials to Avoid:YES

MAY BE INCOMPATIBLE WITH ACIDS, BASES, AND OXIDIZERS.

Stability Condition to Avoid:CONTACT W/HEAT/SPARKS/FLAMES/OTHER IGN SOURCES.DO NOT OVERHEAT CNTNRS.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE TOXIC &/OR HAZARDOUS GASES.

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

Waste Disposal Methods:OBSERVE ALL LOCAL, STATE AND FEDERAL REGULATIONS WHEN DISOSING OF SUBSTANCE. FOR ASSISTANCE CONTACT DISTRICT DIR OF ENVIRONMENTAL PROTECTION AGENCY.

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