

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: 609-424-3700/800-424-930

0(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:N

O 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,VO

MIT,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 HAV

E BEEN REPORTED.

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

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 =====

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 =====

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.ISO  
LATE AREA.

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

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 NFP

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

Respiratory Protection: SPECIFIC RESP SELECTED MUST BE BASED ON CONTAMINANT 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-PROOF SAFETY GLASSES

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Other Protective Equipment: NOT REQUIRED. AVOID REPEATED/PROLONGED CONTACT WITH SUBSTANCE.

Work Hygienic Practices: WASH HANDS AFTER HANDLING. LAUNDRY CONTAMINATED CLOTHING PRIOR TO REUSE. WASH SHOES PRIOR TO REUSE.

Supplemental Safety and Health

FIRE FIGHTING: HOSE HOLDER/MONITOR NOZZLE; IF IMPOSSIBLE W/D FROM AREA & LET BURN. EXTINGUISH ONLY IF LFWO CAN BE STOPPED; USE WATER IN FLOODING AMTS AS FOG. SOLID STREAMS MAY NOT BE EFFECTIVE. COOL CONTAINERS W/ FLOODING AMTS OF WATER. APPLY FROM AS FAR

DISTANCE AS POSSIBLE. AVOID BREATH VAPOR, 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 IGNITION SOURCES. DO NOT OVERHEAT CONTAINERS.

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

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

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

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