

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:IN
GEST: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,D
ROW,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.

===== 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

===== Fire Fighting Me

asures =====

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/POI

SONOUS.DO NOT ALLOW

UNNECESASRY PEOPLE IN AREA.CNTNR MAY VIO RUPTURE.TRAVEL DISTAN

===== 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.ISOLATE AREA.

===== 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

===== Expo

sure 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/PROLONG

ED

CONTACT WITH SUBSTANCE.

Work Hygienic Practices:WASH HANDS AFT HANDLING. LAUNDER 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.

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===== 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.

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===== 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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