

UNITED STATES PHARMACOPEIAL CONVENTION INC -- DIGOXIN -- 6505-01-055-1578

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Product Identification  
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Product ID: DIGOXIN

MSDS Date: 08/04/1989

FSC: 6505

NIIN: 01-055-1578

MSDS Number: BVTMG

=== Responsible Party ===

Company Name: UNITED STATES PHARMACOPEIAL CONVENTION INC

Address: 12601 TWINBROOK PKWY

City: ROCKVILLE

State: MD

ZIP: 20852-1717

Country: US

Info Phone Num: 301-881-0666

Emergency Phone N

um: 301-881-0666

Preparer's Name: WILLIAM M HELLER

CAGE: 14128

=== Contractor Identification ===

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Composition/Information on Ingredients  
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Ingred Name: DIGOXIN \*94-3\*

CAS: 20830-75-5

RTECS #: IH6125000

Fraction by Wt: 100%

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Hazards Identification  
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LD50 LC50 Mi

xture:ORAL LD50 (MOUSE): 17,780 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION/INGESTION/SKIN ABSORPTION:

MAY BE FATAL. CARDIAC GLYCOSIDES PRODUCE NERVOUS/MENTAL  
DISTURBANCES IN TOXIC DOSES. POSSIBLE ALLERGIC REACTION TO  
DUST/HYPERSENSITIZATION. EYE/SKIN/MUCOUS MEMBRANE/RESPIRATORY  
TRACT IRRITATION. MOST DANGEROUS ACTIONS CONCERN THE RATE/RHYTHM OF  
THE HEART/MECHANISM

OF THE HEART BEAT

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, PERSISTENT NAUSEA, VOMITING OF  
REFLEX ORIGIN, RASH, HIVES, HYPERSENSITIVITY.

Medical Conditions Aggravated by Exposure:VENTRICULAR FIBRILLATION, HEART  
BLOCK, RENAL IMPAIRMENT & HYPERSENSITIVE TO THE MATERIAL

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First Aid Measures  
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First Aid:INHALATION: REMOVE FROM EXPOSURE. GIVE CPR/OXYGEN IF NEEDED.

EYES/SKIN: FLUSH WITH COPIOUS QUANTITIES OF WATER. IN

GESTION: FLUSH

OUT MOUTH WITH WATER. THE USE OF AN EMETIC DRUG & GASTRIC LAVAGE IS  
ADVISABLE. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures  
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Extinguishing Media:WATER SPRAY, DRY CHEMICAL, CO2, FOAM AS APPROPRIATE  
FOR SURROUNDING FIRE/MATERIALS.

Fire Fighting Procedures:EVACUATE AREA. WEAR SELF CONTAINED BREATHING  
APPARATUS & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:MATERIAL IS ASSUMED TO BE COMBUSTIBLE. AS

WITH ALL DRY POWDERS, GROUND MECHANICAL EQUIPMENT IN CONTACT WITH DRY  
MATERIAL TO DISSIPATE STATIC ELECTRICITY.

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Accidental Release Measures  
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Spill Release Procedures:WEAR APPROVED RESPIRATOR & CHEMICALLY  
COMPATIBLE GLOVES. VACUUM/SWEEP UP. AVOID DUST. PLACE MATERIAL IN  
APPROPRIATE CONTAINER FOR WASTE DISPOSAL. VENTILATE AREA & WASH  
SITE AFTER MATERIAL PICKUP IS COMPLETE.

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Handling and Storage  
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Handling and Storage Precautions: STORE IN TIGHT CONTAINER. SHOULD BE HANDLED/STORED PER LABEL/OTHER INSTRUCTIONS TO ENSURE PRODUCT INTEGRITY. USE W/ADEQUATE VENTILATION.

Other Precautions: AVOID CONTACT W/EYES, SKIN/CLOTHING. AVOID BREATHING DUST/MIST/FUMES/VAPORS. USE W/ADEQUATE DUST CONTROL. DON'T PERMIT EATING/DRINKING/SMOKING NEAR MATERIAL.

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

Respiratory Protection: WEAR NIOSH APPROVED RESPIRATOR.

Ventilation: ADEQUATE.

LOCAL EXHAUST/MECHANICAL (GENERAL): RECOMMENDED.

Protective Gloves: CHEMICAL RESISTANT

Eye Protection: SAFETY GOGGLES

Other Protective Equipment: APPROPRIATE LABORATORY APPAREL

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

INDIVIDUALS WORKING W/CHEMICALS SHOULD CONSIDER ALL CHEMICALS TO BE POTENTIALLY HAZARDOUS EVEN IF THEIR INDIVIDUAL HAZARDS MAY BE UNCHARACTERIZED/UNKNOWN.

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

Solubility in Water: INSOLUBLE

Appearance and Odor: CLEAR TO WHITE CRYSTALS/WHITE CRYSTALLINE POWDER W/NO ODOR

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, STRONG ACIDS

Hazardous Decomposition Products: ACRID/IRRITATING TOXIC FUMES

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

Waste Disposal Methods: DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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on to their  
particular situation.