

SANOFI WINTHROP PHARMACEUTICAL DIV OF STERLING WINTHROP INC -- ZEPHIRAN CHLORIDE AQUEOUS SOLUTION CONCENTRATE, 17%

MSDS Safety Information

FSC: 6505

NIIN: 00-579-9142

MSDS Date: 05/12/1993

MSDS Num: CLKRK

Tech Review: 09/04/2001

Product ID: ZEPHIRAN CHLORIDE AQUEOUS SOLUTION CONCENTRATE, 17%

Name: SANOFI WINTHROP PHARMACEUTICAL DIV OF STERLING WINTHROP INC

Address: 90 PARK AVE

City: NEW YORK NY 10016 US

Info Phone Number: 212-907-2000

Emergency Phone Number: 212-907-2000

Item Description Information

Item Name: BENZALKONIUM CHLORIDE SOLUTION, NF

Unit of Issue: NK

Quantitative Expression: NK

UI Container Qty: 1.000 GALLONS

Type of Container: BOTTLE

Ingredients

Cas: 8001-54-5

RTECS #: BO3150000

Name: ZEPHIRAN CHLORIDE

Percent by Wt: 17.

Ozone Depleting Chemical: N

Health Hazards Data

LD50 LC50 Mixture: NO DATA PROVIDED BY MANUFACTURER

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYE: STRONG IRRITANT. AVOID EYE CONTACT. CAUSES EYE IRRITATION UPON CONTACT. SKIN: AVOID CONTACT. CONTACT WITH CONCENTRATE IS IRRITATING TO SKIN AND MUCOUS MEMBRANES. ORAL: HARMFUL IS SWALLOWED. WILL CAUSE IRRITATION OR GASTROINTESTINAL DISTURBANCES.

Explanation Of Carcinogenicity: NO DATA PROVIDED BY MANUFACTURER

Signs And Symptions Of Overexposure: EYE: STRONG IRRITANT. AVOID EYE CONTACT. CAUSES EYE IRRITATION UPON CONTACT. SKIN: AVOID CONTACT. CONTACT WITH CONCENTRATE IS IRRITATING TO SKIN AND MUCOUS MEMBRANES. ORAL: HARMFUL IS SWALLOWED. WILL CAUSE IRRITATION OR GASTROINTESTINAL DISTURBANCES.

Medical Cond Aggravated By Exposure: NO DATA PROVIDED BY MANUFACTURER

First Aid: EYE: IN CASE OF EYE CONTACT, FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. IMMEDIATELY WASH EXPOSED AREAS THOROGUHLY WITH SOAP OR ANIONIC DETERGENT AND WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. INGESTION: IF PERSON IS CONSCIOUS, IMMEDIATELY ADMINISTER LARGE QUANTITIES OF WATER, EGG WHITES, GELATIN SOLUTION OR MILK TO DILUTE THE INGESTED MATERIAL. DO NOT GIVE LIQUIDS TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY. AVOID ALCOHOL.

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Handling and Disposal

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Spill Release Procedures: CONTAIN THE SPILL BY PLACING PAPER TOWNS OR A SUITABLE ABSORBENT MATERIAL AROUND THE EDGES OF THE SPILL AND WORK INWARD. CAREFULLY SCOOP UP INTO A PROPERLY LABELED WASTE CONTAINER FOR DISPOSAL. THIS P RODUCT IS TOXIC TO FISH: AVOID FLUSHING PRODUCT INTO SEWER. DO NOT CONTAMINATE WATER BY DISPOSAL OF PRODUCT-CONTAINING WASTE.

Neutralizing Agent: NO DATA PROVIDED BY MANUFACTURER

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. PLEASE NOTE THAT UPON DISPOSAL, THIS PRODUCT WOULD BE CONSIDERED A HAZARDOUS WASTE BY CORROSIVITY (D002), UNLESS IT IS DISPOSED AS A H OUSEHOLD WASTE (40CFR 260-268).

Handling And Storage Precautions: KEEP THIS AND ALL DRUGS OUT OF THE REACH OF CHILDREN.

Other Precautions: NO DATA PROVIDED BY MANUFACTURER

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Fire and Explosion Hazard Information

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Extinguishing Media: USE ANY EXTINGUISHING MEDIA WHICH IS SUITABLE FOR THE SURROUNDING FIRE.

Fire Fighting Procedures: USE NORMAL FIREFIGHTING GEAR

Unusual Fire/Explosion Hazard: NONE KNOWN

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Control Measures

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Respiratory Protection: NONE NORMALLY REQUIRED

Ventilation: USE WITH ADEQUATE GENERAL VENTILATION

Protective Gloves: CHEMICAL RESISTANT GLOVES

Eye Protection: SAFETY GLASSES, GOGGLES OR FACESHIELD ARE RECOMMENDED

Other Protective Equipment: OTHER PROTECTIVE CLOTHING. EYEWASH, EMERGENCY SHOWER MAY BE APPROPRIATE. THIS CONCENTRATE IS A STRONG IRRITANT.

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE - WASH HANDS AND EXPOSED SKIN THOROUGHLY WITH SOAP AND WATER AFTER USE.

Supplemental Safety and Health: NO DATA PROVIDED BY MANUFACTURER

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Physical/Chemical Properties

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HCC: C2

Solubility in Water: SOLUBLE

Appearance and Odor: CLEAR, COLORLESS TO SLIGHTLY YELLOW LIQUID

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: NONE KNOWN

Materials To Avoid: NONE KNOWN

Hazardous Decomposition Products: HYDROGEN CHLORIDE (TRACE)

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR

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Toxicological Information

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Toxicological Information: EYE: STRONG IRRITANT. AVOID EYE CONTACT. CAUSES EYE IRRITATION UPON CONTACT. SKIN: AVOID CONTACT. CONTACT WITH CONCENTRATE IS IRRITATING TO SKIN AND MUCOUS MEMBRANES. ORAL: HARMFUL IF SWALLOWED. WILL CAUSE IRRITATION OR GASTROINTESTINAL DISTURBANCES. CARCINOGENICITY: NTP: NO; IARC: NO; OSHA: NO.

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Ecological Information

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Ecological: NO DATA AVAILABLE

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MSDS Transport Information

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Transport Information: PROPER SHIPPING NAME: ZEPHRIN CHLORIDE CONCENTRATE 17%, DISINFECTANT, CORROSIVE, LIQUID. HAZARD CLASS: 8. DOT IDENTIFICATION NUMBER: UN1760.

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Regulatory Information

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Sara Title III Information: THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS WHICH ARE REGULATED ON THE US EPA LIST OF TOXIC CHEMICALS (40 CFR 372), AND IS THEREFORE NOT SUBJECT TO THE RELEASE REPORTING UNDER SECTION 313 OF EPCRA.

Federal Regulatory Information: THIS PRODUCT IS REGISTERED AS A PESTICIDE AND SHOULD BE USED AS DESCRIBED IN THE PACKAGE INSERT.

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Transportation Information  
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Responsible Party Cage: UO465

Trans ID NO: 158660

Product ID: ZEPHIRAN CHLORIDE AQUEOUS SOLUTION CONCENTRATE, 17%

MSDS Prepared Date: 05/12/1993

Review Date: 09/04/2001

Article W/O MSDS: N

Tech Entry NOS Shipping Nm: ZEPHIRAN CHLORIDE, 17%

Net Unit Weight: 8.3 LBS

Limited Quantity IND: N

Multiple KIT Number: 0

Review IND: N

Unit Of Issue: NK

Container QTY: 1.000 GALLONS

Type Of Container: BOTTLE

Additional Data: SHIPPING BASED ON MSDS TRANSPORTATION DATA.  
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Detail DOT Information  
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DOT PSN Code: DWG

Symbols: G

DOT Proper Shipping Name: CORROSIVE LIQUIDS, N.O.S.

Hazard Class: 8

UN ID Num: UN1760

DOT Packaging Group: III

Label: CORROSIVE

Special Provision: T7

Non Bulk Pack: 203

Bulk Pack: 241

Max Qty Pass: 5 L

Max Qty Cargo: 60 L

Vessel Stow Req: A

Water/Ship/Other Req: 40  
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Detail IMO Information

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IMO PSN Code: ESH  
IMO Proper Shipping Name: CORROSIVE LIQUID, N.O.S. o  
IMDG Page Number: 8147  
UN Number: 1760  
UN Hazard Class: 8  
IMO Packaging Group: I/II/III  
Subsidiary Risk Label: -  
EMS Number: 8-15  
MED First Aid Guide NUM: 760

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Detail IATA Information

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IATA PSN Code: HKW  
IATA UN ID Num: 1760  
IATA Proper Shipping Name: CORROSIVE LIQUID, N.O.S. \*  
IATA UN Class: 8  
IATA Label: CORROSIVE  
UN Packing Group: III  
Packing Note Passenger: 818  
Max Quant Pass: 5L  
Max Quant Cargo: 60L  
Packaging Note Cargo: 820

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Detail AFI Information

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AFI PSN Code: HKW  
AFI Symbols: \*  
AFI Proper Shipping Name: CORROSIVE LIQUID, N.O.S.  
AFI Hazard Class: 8  
AFI UN ID NUM: UN1760  
AFI Packing Group: III  
Special Provisions: P5  
Back Pack Reference: A12.3

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HAZCOM Label

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Product ID: ZEPHIRAN CHLORIDE AQUEOUS SOLUTION CONCENTRATE, 17%  
Company Name: SANOFI WINTHROP PHARMACEUTICAL DIV OF STERLING WINTHROP INC  
Street: 90 PARK AVE

City: NEW YORK NY

Zipcode: 10016 US

Health Emergency Phone: 212-907-2000

Label Required IND: N

Date Of Label Review: 09/04/2001

Signal Word: NONE

Health Hazard: None

Contact Hazard: None

Fire Hazard: None

Reactivity Hazard: None

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