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

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MSDS Safety Information
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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

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Item Description Information
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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 Symptoms 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 LAUNDER BEFORE
REUSE. IMMEDIATELY WASH EXPOSED AREAS THOROUGHLY 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.
Handling and Disposal
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 PRODUCT 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 HOUSEHOLD 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
Fire and Explosion Hazard Information
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
Control Measures
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

Physical/Chemical Properties

HCC: C2
Solubility in Water: SOLUBLE
Appearance and Odor: CLEAR, COLORLESS TO SLIGHTLY YELLOW LIQUID

Reactivity Data

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

Toxicological Information

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 IS SWALLOWED. WILL CAUSE IRRITATION OR GASTROINTESTINAL DISTURBANCES. CARCINOGENICITY: NTP: NO; IARC: NO; OSHA: NO.

Ecological Information

Ecological: NO DATA AVAILABLE

MSDS Transport Information


Regulatory Information
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.

Transportation Information

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.

Detail DOT Information

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
Detail IMO Information

IMO PSN Code: ESH
IMO Proper Shipping Name: CORROSIVE LIQUID, N.O.S. 0
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

Detail IATA Information

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

Detail AFI Information

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

HAZCOM Label

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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