

WARRICK PHARMACEUTICALS -- ALBUTEROL INHALER 0085-0614-02, 03

MSDS Safety Information

FSC: 6505
 NIIN: 01-116-9245
 MSDS Date: 04/12/1996
 MSDS Num: CJDFP
 Product ID: ALBUTEROL INHALER 0085-0614-02, 03
 MFN: 01
 Responsible Party
 Cage: 07Q50
 Name: WARRICK PHARMACEUTICALS
 Address: 7500 NORTH NATCHEZ AVE
 City: NILES IL 60714
 Info Phone Number: 847-647-6814
 Emergency Phone Number: 800-424-9300
 Chemtrec IND/Phone: (800)424-9300
 Review Ind: Y
 Published: Y

Contractor Summary

Cage: 1F095
 Name: SCHERING CORP PHARMACEUTICAL DIVISION
 Address: 1011 MORRIS AVE
 Box: 3185
 City: UNION NJ 07083-1985
 Phone: 908-820-4867
 Cage: 07Q50
 Name: WARRICK PHARMACEUTICALS
 Address: 7500 NORTH NATCHEZ AVE
 City: NILES IL 60714
 Phone: 847-647-6814
 Contract Number: SP0200-96-D-7019/Y807

Item Description Information

Item Name: ALBUTEROL INHALATION AEROSOL
 Unit of Issue: PG
 UI Container Qty: 1

Ingredients

Cas: 18559-94-9
 RTECS #: ZE4400000
 Name: ALBUTEROL
 % Wt: NO DATA

Health Hazards Data

Route Of Entry Inds - Inhalation: YES
 Skin: YES
 Ingestion: NO

Effects of Exposure: EYE:THIS PROD CONTAINS MATLS WHICH UNLIL CAUSE IRRIT.SKIN:THIS PROD CONTAINS MATLS WHICH UNLIL CAUSE IRRIT.INGEST:THIS PROD CONTAINS MATLS GREATER THAN 1% WHICH UNLIL CAUSE FOLLOWING EFFECTS: ALTHOUGH ORAL TOXICITIES OF COMPO ARE LOW,INGEST SHOULD BE AVOIDED.INHAL:THIS PROD CONTAINS MATLS WHICH UNLIL CAUSE BREATH HI CONC OF VAP MAY CAUSE LIGHTEADNESS,GIDDINESS,SHORTNESS OF BREATH,MAY LEAD TO NARC OSIS,CARDIAC IRREGULARITIES,UNCONSC,DEATH.

Signs And Symptoms Of Overexposure: EYE:IRRIT.SKIN:IRRIT.INGEST:ALTHOUGH ORAL TOXICITIES OF COMPO ARE LOW, INGESTION SHOULD BE AVOIDED.INHAL:BREATHING HI CONC OF VAPOR MAY CAUSE LIGHTEADNESS,GIDDINESS,SHORTNESS OF BREATH, AND MAY LEAD TO NARCOSIS,CARDIAC IRREGULARITIES,UNCONSC,DEATH.

Medical Cond Aggravated By Exposure: ALBUTEROL IS SYMPATHOMIMETIC AMINE & SHOULD BE USED W/CAUTION W/INDIVIDUALS W/CARDIOVASCULAR DISORDERS,HYPERTHYROIDISM OR DIABETES MELLITIS,KETOACIDOSIS,OR ARE RESPONSIVE TO OTHER SYMPATHOMIMETIC AMINES

First Aid: EYE:FLUSH W/WATER FOR @LEAST 15MINS.OBTAIN MED ATTN.SKIN:REMOVE CONTAM CLOTH.THOROUGHLY WASH EXPO AREA W/SOAP/WATER.OBTAIN MED ATTN.INGEST:GIVE COPIOUS AMTS OF WATER.INDUCE VOMIT IF CONSC.OBTAIN MED A TTN.INHAL:REMOVE FROM EXPO.NOT BREATHING GIVE ART RESP.OBTAIN MED ATTN.

Handling and Disposal

file://A:\Albuterol.htm

12/15/2002

 Spill Release Procedures: NOTIFY YOUR SUPERVISOR IMMEDIATELY. ALLOW LEAK CONTAINER TO VENT. MINIMIZE CONTACT WITH SPILL MATERIAL. KEEP OTHERS AWAY FROM CLEANUP AREA. WEAR APPROPRIATE RESPIRATORY PROTECTION & PROTECTIVE CLOTHING IN SPILL AREA AS SPECIFIED IN MSDS. SCOOP, ABSORB, VACUATE UP ANY RESIDUAL MATERIAL. CLEAN AREA WITH ALKALINE CLEANER/DETERGENT. DISPOSE OF SPILL MATERIAL & CLEANUP MATERIAL AS NOTED IN MSDS.
 Waste Disposal Methods: WHILE NOT RCRA HAZARDOUS WASTE, MATERIAL SHOULD BE DISPOSED IN AN ENVIRONMENTALLY SOUND MANNER.
 Handling And Storage Precautions: STORE IN COOL, DRY, WELL-VENTILATED AREA. DON'T HEAT ABOVE 120°F.

Fire and Explosion Hazard Information

Flash Point: >93.3°C, 200°F
 Extinguishing Media: WATER, WATER SPRAY.
 Fire Fighting Procedures: FIGHT FIRE FROM SAFE DISTANCE OR PROTECTED LOCATION. USE WATER SPRAY TO KEEP EXPOSED CONTAINERS & EQUIPMENT COOL. WEAR FULL PROTECTIVE CLOTHING & SELF-CONTAINED BREATHING APPARATUS (SCBA).
 Unusual Fire/Explosion Hazard: CONTAINERS MAY RUPTURE UNDER FIRE CONDITIONS. DECOMPOSITION MAY OCCUR. EXPOSURE TO TEMPERATURES ABOVE 120°F MAY CAUSE BURSTING.

Control Measures

Respiratory Protection: NONE FOR CONSUMER PACKAGE. UNDER NORMAL CONDITIONS OF USE IN BULK A RESPIRATOR IS NOT REQUIRED. UNDER SPILL CONDITIONS A SELF-CONTAINED BREATHING APPARATUS MAY BE REQUIRED.
 Ventilation: PROVIDE ADEQUATE LOCAL EXHAUST VENTILATION.
 Protective Gloves: GLOVES-LATEX.
 Eye Protection: NONE FOR CONSUMER PACKAGE, SAFETY GLASSES WITH SIDE SHIELDS FOR BULK.
 Other Protective Equipment: LAB COAT OR UNIFORM.
 Work Hygienic Practices: TRAIN EMPLOYEES CONCERNING HAZARD/PRECAUTION. PROVIDE ADEQUATE LOCAL EXHAUST VENTILATION. WASH HANDS/FOREARMS AFTER EACH USE. USE INDICATED PROTECTIVE EQUIPMENT WHILE HANDLING.

Physical/Chemical Properties

HCC: V2
 Boiling Point: -23.9°C, 75°F
 Vapor Pressure: 792
 Specific Gravity: 1.48
 Evaporation Rate & Reference: 0.1 (CCL4=1)
 Solubility in Water: 0.1%
 Appearance and Odor: COLORLESS, SLIGHT ETHEREAL ODOR

Reactivity Data

Stability Indicator: YES
 Stability Condition To Avoid: AVOID OPEN FLAMES AND HIGH TEMPERATURES.
 Materials To Avoid: ALKALI OR ALKALINE EARTH METALS.
 Hazardous Decomposition Products: HCL, HF, POSSIBLE CARBONYL HALIDES.
 Hazardous Polymerization Indicator: NO
 Conditions To Avoid Polymerization: WILL NOT OCCUR

Toxicological Information

Toxicological Information: ALBUTEROL MAY CAUSE PARADOXICAL BRONCHOSPASM, FATALITIES HAVE BEEN REPORTED WITH EXCESS USE OF INHALED SYMPATHOMIMETIC DRUGS. ALBUTEROL WAS TERATOGENIC IN MICE WHEN GIVEN AT DOSES CORRESPONDING TO 14X HUMAN DOSE, & IN RABBITS AT 2800X MAX HUMAN INHALATION DOSE. ALBUTEROL MAY CAUSE FOLLOWING ADVERSE REACTIONS: PALPITATIONS, TACHYCARDIA, INCREASED BLOOD PRESSURE, TREMORS, NAUSEA, DIZZINESS, HEARTBURN, NERVOUSNESS, VOMITING, HEADACHE, ANGINA, INSOMNIA, VERTIGO, DRYNESS/THROAT IRRITATION. RARE CASES OF URTICARIA, RASH, BRONCHOSPASM, OROPHARYNGEAL EDEMA HAVE ALSO BEEN REPORTED. AS WITH OTHER SYMPATHOMIMETIC AEROSOL MEDICATIONS CARDIAC ARREST & EVEN DEATH MAY BE ASSOCIATED WITH ABUSE/HIGH EXPOSURES.

Ecological Information

MSDS Transport Information

Transport Information: PER MSDS: PROPER SHIPPING NAME: CONSUMER COMMODITY, ORM-D, PACKAGE REQUIREMENTS: 173.156, 173.306. DOT CLASSIFICATIONS ARE SPECIFIED FOR PRODUCT AS

PKG FOR SALE TO CONSUMER.IATA CLASSIFICATIONS FOR CONSUMER PKG PROD UCT
 ARE:MEDICINES,NOS,IN SMALL INNER PKG, 9, ID8008, LABEL-MISC, PKG GROUP:NONE,
 PKG INSTRUCT:910.

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 Regulatory Information
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Sara Title III Information: NO DATA GIVEN.
 Federal Regulatory Information: NO DATA GIVEN.
 State Regulatory Information: NO DATA GIVEN.

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 Other Information
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Other Information: SPECIAL HAZARDS:BRONCHODIALATOR, COTENTS UNDER PRESSURE.

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 Transportation Information
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Responsible Party Cage: 07QS0
 Trans ID NO: 138946
 Product ID: ALBUTEROL INHALER 0085-0614-02, 03
 MSDS Prepared Date: 04/12/1996
 Review Date: 02/25/1999
 MFN: 1
 Net Unit Weight: 0.13 LBS
 Multiple KIT Number: 0
 Unit Of Issue: PG
 Container QTY: 1
 Additional Data: PER MSDS:PROPER SHIPPING NAME-CONSUMER COMMODITY.DOT
 CLASSIFICATIONS ARE SPECIFIED FOR PROD AS PKG F OR SALE TO CONSUMER.IATA
 CLASSIFICATIONS FOR CONSUMER PKG PROD ARE:MEDICINES,NOS,9,ID8008,
 LABEL-MISCELLANEOUS, PKG GROUP NONE, PKG INSTRUCTION:910.

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 Detail DOT Information
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DOT PSN Code: DTJ
 Symbols: D
 DOT Proper Shipping Name: CONSUMER COMMODITY
 Hazard Class: ORM-D
 Label: NONE
 Non Bulk Pack: 156,306
 Bulk Pack: NONE
 Max Qty Pass: 30KGGROSS
 Max Qty Cargo: 30KGGROSS
 Vessel Stow Req: A

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 Detail IMO Information
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IMO PSN Code: AKD
 IMO Proper Shipping Name: AEROSOLS o
 IMDG Page Number: 2102
 UN Number: 1950
 UN Hazard Class: 2(T)
 IMO Packaging Group: -
 Subsidiary Risk Label: T
 EMS Number: 2-13
 MED First Aid Guide NUM: 620

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 Detail IATA Information
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IATA PSN Code: HDW
 IATA UN ID Num: 8000
 IATA Proper Shipping Name: CONSUMER COMMODITY +
 IATA UN Class: 9
 IATA Label: MISCELLANEOUS
 Packing Note Passenger: 910
 Max Quant Pass: 25KG G
 Max Quant Cargo: 25KG G
 Packaging Note Cargo: 910
 Exceptions: All2

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 Detail AFI Information
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AFI PSN Code: HEB
 AFI Proper Shipping Name: CONSUMER COMMODITY
 AFI Hazard Class: 9
 AFI UN ID NUM: UN8000

Special Provisions: P5
Back Pack Reference: A13.13

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HAZCOM Label

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Product ID: ALBUTEROL INHALER 0085-0614-02, 03
Cage: 07QS0
Company Name: WARRICK PHARMACEUTICALS
Street: 7500 NORTH NATCHEZ AVE
City: NILES IL
Zipcode: 60714
Health Emergency Phone: 800-424-9300
Label Required IND: Y
Date Of Label Review: 02/25/1999
Status Code: A
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Severe
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: EYE:CONTAINS MATLS WHEN UNDIL CAUSE IRRIT.SKIN:CONTAINS MATLS WHEN UNDIL CAUSE IRRIT.INGEST: CONTAINS MATLS >1% WHEN UNDIL CAUSE:ALTHOUGH ORAL TOXICITIES OF COMPO ARE LOW,INGEST SHOULD BE AVOIDED.INHA L:CONTAINS MATLS WHICH UNDIL CAUSE BREATH HI VAP CONC MAY CAUSE LIGHTEADNESS,GIDDINESS,SHORTNESS OF BREATH,MAY LEAD TO NARCO, CARDIAC IRREG,UNCONSC, DEATH.BRONCHODIALATOR,CONTENTS UNDER PRESSURE.TARO RG:EYE,SKIN, RESP TRACT,HEART,BLOOD PRESSURE,CNS.1ST AID:EYE:FLUSH W/H2O @LEAST 15MINS.SKIN:REMOVE CLOTH.WASH WELL W/SOAP & H2O.INGEST:GIVE LOTS OF H2O,INDUCE VOMIT IF CONSC.INHAL:REMOVE FROM EXPO.NOT BREATH GIVE ART RESP.IN ALL CASE OBTAIN MED ATTN.

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