

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  
 % WC: NO DATA

## Health Hazards Data

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

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

Signs And Symptions 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 CONTAN 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

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 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 RESPIRATOR & 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.  
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#### 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.  
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#### 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.  
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#### 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  
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#### 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  
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#### 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 @ DOSES CORRESPONDING TO 14X HUMAN DOSE, & IN RABBITS @ 2800X MAX HUMAN INHALED DOSE. ALBUTEROL MAY CAUSE FOLLOWING ADVERSE EFFECTS: 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.  
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#### Ecological Information

#### MSDS Transport Information

Transport Information: PER MSDS: PROPER SHIPPING NAME: CONSUMER COMMODITY, ORM-D.  
 PKG REQUIREMENTS: 173.156, 173.306. DOT CLASSIFICATIONS ARE SPECIFIED FOR PRODUCT AS  
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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: 07QSO  
 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: A112

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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: 07QSO  
Company Name: WARRICK PHARMACEUTICALS  
Street: 7500 NORTH NATCHEZ AVE  
City: MILES 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 CONPO 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 MARCO, CARDIAC  
IRREG,UNCONSC, DEATH.BRONCHODIALATOR,CONTENTS UNDER PRESSURE.TARO  
RG:EYE,SKIN, RESP TRACT,HEART,BLOOD PRESSURE,CNS.1ST AID:EYE:FLUSH W/H2O  
BLEAST 15MINS.SKIN:REMOVE CLOTH.WASH WELL W/SOAP 4 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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