

SCHERING PHARMACEUTICAL DIV -- PROVENTIL INHALER REV;CODE 0614-02,03 - ALBUTEROL IN
MATERIAL SAFETY DATA SHEET
NSN: 6505011169245
Manufacturer's CAGE: 53300
Part No. Indicator: B
Part Number/Trade Name: PROVENTIL INHALER REV;CODE 0614-02,03

===== General Information =====

Item Name: ALBUTEROL INHALATION AEROSOL
Company's Name: SCHERING CORP PHARMACEUTICAL DIV
Company's Street: GALLOPING HILL RD
Company's P. O. Box: 525
Company's City: KENTLWORTH
Company's State: NJ
Company's Country: US
Company's Zip Code: 07033
Company's Emerg Ph #: 800-424-9300 (CHEMTREC)
Company's Info Ph #: 908-298-5044
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: FE
Date MSDS Prepared: 18MAY93
Safety Data Review Date: 03MAY94
Supply Item Manager: AX
MSDS Preparer's Name: UNKNOWN
MSDS Serial Number: BTHJV
Specification Number: NONE
Spec Type, Grade, Class: NONE
Hazard Characteristic Code: J7
Unit Of Issue: PG
Unit Of Issue Container Qty: 17 GRAMS
Type Of Container: METERED SPRAY
Net Unit Weight: 0.03 LBS

===== Ingredients/Identity Information =====

Proprietary: NO
Ingredient: TRICHLOROFLUOROMETHANE (CFC-11) (SARA III)
Ingredient Sequence Number: 01
Percent: 99.5
NIOSH (RTECS) Number: PB6125000
CAS Number: 75-69-4
OSHA PEL: 1000 PPM
ACGIH TLV: C, 1000 PPM; 9394
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: ALBUTEROL
Ingredient Sequence Number: 02
Percent: <1
NIOSH (RTECS) Number: ZE4400000
CAS Number: 18559-94-9
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

===== Physical/Chemical Characteristics =====

Appearance And Odor: AEROSOL.LIQUID IS COLORLESS WITH A SLIGHT ETHEREAL
ODOR.
Boiling Point: 75.0F,23.9C
Vapor Pressure (MM Hg/70 F): 792

Specific Gravity: 1.48
Evaporation Rate And Ref: 0.1 CCL4=1
Solubility In Water: SLIGHT;0.1%
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data
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Flash Point: NONE
Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Special Fire Fighting Proc: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire And Expl Hazrds: CONTAINERS MAY RUPTURE FROM HEAT OF FIRE.
FIRE MAY PRODUCE TOXIC DECOMPOSITION FUMES.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): HIGH HEAT,OPEN FLAMES.
Materials To Avoid: ALKALI,ALKALINE EARTH MATERIALS.
Hazardous Decomp Products: HCl,HF,POSSIBLE CARBONYL HALIDES.
Hazardous Poly Occur: NO

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Health Hazard Data
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LD50-LC50 Mixture: LC50 INHAL RAT=13PPH/15M(FREON 11)
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: INHAL:VAPOR CAN DISPLACE AIR CAUSING SUFFOCATION.SKIN:LIQUID MAY CAUSE DEFATTING,IRRITATION.EYES:MAY CAUSE IRRITATION.INGEST:ALTHOUGH THE ORAL TOXICITY OF FREON 11 IS LOW, INGESTION SHOULD BE AVOIDED.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.
Signs/Symptoms Of Overexp: INHAL:LIGHTHEADEDNESS,GIDDINESS,SHORTNESS OF BREATH,NARCOSIS,CARDIAC IRREGULARITIES,UNCONSCIOUSNESS,DEATH.
Med Cond Aggravated By Exp: PERSONS PREDISPOSED TO SKIN AND EYE SENSITIZATION MAY BE AT INCREASED RISK.
Emergency/First Aid Proc: SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET PROMPT QUALIFIED MEDICAL ATTENTION.INDUCE VOMITING ONLY UNDER THE ADVICE OF A PHYSICIAN.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN STEEL CONTAINER FOR DISPOSAL.WASH SPILL AREA WITH DETERGENT TO REMOVE SLIPPINESS.

Neutralizing Agent: NONE
Waste Disposal Method: TRICHLOROFLUOROMETHANE IS RCRA AND EPA HAZARDOUS WASTE(V121,F001,F002).DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions-Handling/Storing: STORE IN A COOL,DRY,WELL-VENTILATED PLACE.DO NOT HEAT ABOVE 125F.

Other Precautions: NONE

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Control Measures
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Respiratory Protection: NONE FOR CONSUMER PRODUCT.WHERE ENVIRONMENTAL

CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation: LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves: LATEX

Eye Protection: SAFETY GLASSES FOR BULK MATERIAL.

Other Protective Equipment: NONE

Work Hygienic Practices: USE REASONABLE CARE IN HANDLING THIS ITEM.

Suppl. Safety & Health Data: NONE

===== Transportation Data =====

Trans Data Review Date: 94123

DOT PSN Code: DTJ

DOT Symbol: D

DOT Proper Shipping Name: CONSUMER COMMODITY

DOT Class: ORM-D

DOT Label: NONE

IMO PSN Code: AIY

IMO Proper Shipping Name: AEROSOL DISPENSERS

IMO Regulations Page Number: 9022

IMO UN Number: 1950

IMO UN Class: 9

IMO Subsidiary Risk Label: -

IATA PSN Code: ANB

IATA UN ID Number: 1950

IATA Proper Shipping Name: AEROSOLS, 20, *

IATA UN Class: 2.2

IATA Label: NON-FLAMMABLE GAS

AFI PSN Code: ANB

AFI Prop. Shipping Name: AEROSOLS, NON-FLAMMABLE, N.O.S.

AFI Class: 2.2

AFI ID Number: UN1950

AFI Basic Pac Ref: 6-6

MMAC Code: NR

Additional Trans Data: ALBUTEROL INHALANT WITH TRICHLOROFLUOROMETHANE.

===== Disposal Data =====

===== Label Data =====

Label Required: NO

Technical Review Date: 03MAY94

Label Status: Z

Common Name: PROVENTIL INHALER REV;CODE 0614-02,03

Special Hazard Precautions: INHAL:VAPOR CAN DISPLACE AIR CAUSING SUFFOCATION.SKIN:LIQUID MAY CAUSE DEFATTING,IRRITATION.EYES:MAKES CAUSE IRRITATION.INGEST:ALTHOUGH THE ORAL TOXICITY OF FREON 11 IS LOW, INGESTION SHOULD BE AVOIDED. STORE IN A COOL,DRY,WELL-VENTILATED PLACE.DO NOT HEAT ABOVE 125F. FIRST AID: SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:GET PROMPT QUALIFIED MEDICAL ATTENTION.INDUCE VOMITING ONLY UNDER THE ADVICE OF A PHYSICIAN.

Label Name: SCHERING CORP PHARMACEUTICAL DIV

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Label Zip Code: 07033

Label Country: US

Label Emergency Number: 800-424-9300 (CHEMTREC)