

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-230/23031-32-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

23031-32-5

Code:

M

RTECS:**Code:**

X

Name:

TERBUTALINE SULFATE

Other REC Limits:

NONE RECOMMENDED 3

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

5 NOT REQUIRED UNDER NORMAL CONDITIONS OF THERAPEUTIC USE.

Ventilation:

NOT REQUIRED UNDER NORMAL CONDITIONS OF THERAPEUTIC USE.

Protective Gloves:

NOT REQUIRED UNDER NORMAL THERAPEUTIC USE

Eye Protection:

NOT REQUIRED UNDER NORMAL THERAPEUTIC USE

Other Protective Equipment:

Equipment NONE

Work Hygienic Practices:

MFR: ? HMIS: USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health:

NONE

Health Hazards Data

LD50/LC50/Mixture:

LD50 (ORAL RAT) IS 8700 MG/KG

Route Of Entry Inds - Inhalation:

N/P

Skin:

N/P

Ingestion:

N/P

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

FINISHED PHARMACEUTICAL PRODUCT. REFER TO PHYSICIANS DESK REFERENCE. SLIGHTLY TOXIC. EXPERIMENTAL CARCINOGEN.

Explanation Of Carcinogenicity:

MFR CLAIMS AN "EXPERIMENTAL CARCINOGEN" ALTHOUGH IT COULDNT BE FOUND ON ANY OF THE 3 LISTS.

Signs And Symptoms Of Overexposure:

BRETHAIRE IS A FINISHED PHARMACEUTICAL PRODUCT. SIDE EFFECTS OF THERAPEUTIC USE AS A BRONCHIODILATOR MAY INCLUDE CARDIOVASCULAR EFFECTS, HEADACHE, NAUSEA AND DYSPNEA. CARCINOGENESIS BIOASSAY SHOWED DRUG RELATED CHANGES IN FEMALE GENITAL SYSTEM IN RATS.

Medical Cond Aggravated By Exposure:

PRE-EXISTING CARDIOVASCULAR DISEASE, HYPER THYROIDISM, DIABETES MELLITUS, HYPERSENSITIVITY TO ANY COMPONENT.

First Aid:

INHALED: REMOVE TO FRESH AIR. EYE: FLUSH WITH RUNNING WATER FOR 15 MINUTES. SKIN: WASH CONTAMINATED AREA WITH SOAP AND WATER.

Spill Release Procedures:

4 USING APPROPRIATE PROTECTIVE EQUIPMENT, SWEEP UP AND CONTAINERIZE SPILLED MATERIAL. RESIDUES MAY BE FLUSHED TO THE SANITARY SEWER WITH WATER.

Neutralizing Agent:

NO INFORMATION GIVEN ON MSDS BY MFR.

Waste Disposal Methods:

ALL WASTES WILL BE SENT TO AN APPROPRIATE, APPROVED DISPOSAL FACILITY FOLLOWING STANDARD OPERATING PROCEDURES. EPA HAZARDOUS WASTE NUMBER: NONE

Handling And Storage Precautions:

SUPPLIER DID NOT ADDRESS THIS FIELD. STORE BETWEEN 59-86F.

Other Precautions:

NOTE TO PHYSICIAN: BRETHAIRE IS A BETA-ADRENERGIC-RECEPTOR AGONIST.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NOT AVAILABLE

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

N.AV.

Upper Limits:

N.AV.

Extinguishing Media:

USE MEDIA SUITABLE FOR FIRE IN SURROUNDING AREA.

Fire Fighting Procedures:

WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. EXPOSURE TO TEMPERATURES >120F MAY CAUSE BURSTING.

Physical/Chemical Properties

HCC:

V2

NRC/State Lic No:

NONE

Net Prop WT For Ammo:

N/P

Boiling Point:

N/A

B.P. Text:

N/A

Melt/Freeze Pt:

N/P

M.P./F.P. Text:

N/A

Decomp Temp:

N/A

Decomp Text:

N/A

Vapor Pres:

N/A

Vapor Density:

N/A

Volatile Org Content %:

N/A

Spec Gravity:

N/A

VOC Pounds/Gallon:

N/A

PH:

N/A 6

VOC Grams/Liter:

N/A

Viscosity:

N/A

Evaporation Rate & Reference:

N/A

Solubility in Water:

N/A

Appearance and Odor:

CANISTER OR REFLIL FOR INHALATION

Percent Volatiles by Volume:

N/A

Corrosion Rate:

N/A

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

STORE BETWEEN 59-86F. CONTENTS UNDER PRESSURE - DO NOT PUNCTURE. EXPOSURE TO TEMPERATURES >120F MAY CAUSE BURSTING.

Materials To Avoid:

NO INFORMATION GIVEN ON MSDS BY MFR.

Hazardous Decomposition Products:

NO

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

WILL NOT OCCUR

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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