Material Safety Data Sheet

Section 1: Chemical Product Company Identification	
Product Name	Lorcaserin Impurity 2
CAS No.	NA
Identified uses	Pharmaceutical Reference Standard
Details of the Supplier Company	SynZeal Research Pvt Ltd Plot No. F, Ganesh Industrial Estate 423/24/8, MahagujaratInd Estate Sarkhej-Bavla Road, Ahmedabad-382 213. Gujarat, India.
Telephone	+91-7969225400

Section 2: Chemical Information		
Chemical Name	1-Chloro-N-(4-chlorophenethyl)propan-2-amine hydrochloride	
CAS No.	NA	
Molecular Weight	232.2.36.5	
Molecular Formula	C11H15Cl2N . HCl	

Section 3: Hazards Identification		
Emergency Overview:		
Appearance	White Solid	
Target Organs	NA	
Potential Health Effects:		
Eye	NIL	
Skin	NIL	
Ingestion	NIL	
Inhalation	NIL	
Chronic	NIL	

Section 4: First Aid Measures	
Eye	Wash with plenty of water
Skin	Wash with plenty of water

Inhibitation Remove to fresh air, artificial respiration or oxygen if necessary. Notes to Physician Lorcaserin Impurity 2 can be washed with plenty of water in case of any exposure Section 5: Firefighting Measures Extinguishing Media Carbon dioxide, dry chemical powder, foam, water. Journal Fire and Explosion Hazards None indicated Section 6: Accidental Release Measures Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Spills/Leaks Wash with plenty of water, provide adequate ventilation. Section 7: Handlings and Storage Handling Wear surgical gloves Section 8: Exposure Controls, Personal Protection Sespiratory Protection Self-contained breathing apparatus Exposure Limits NA Experiment Protection Wear safety speggles Other Protective Equipment Protection Section 9: Physical and Chemical Properties Appearance White Solid Odor Oddor Ses Melting Point NA Wear part of the Solid Sesion S	Ingestion	Medical assistance for gastric lavage.		
Lorcaserin Impurity 2 can be washed with plenty of water in case of any exposure Section 5: Firefighting Measures Extinguishing Media Carbon dioxide, dry chemical powder, foam, water. Junusual Fire and Explosion Hazards None indicated Section 6: Accidental Release Measures Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Socion 7: Handlings and Storage Handling Wear surgical gloves Section 8: Exposure Controls, Personal Protection Separate Limits NA Respiratory Protection Self-contained breathing apparatus Separate Limits NA Wear safety goggles Other Protective Equipment Protective Section 9: Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA Self-contained Breathing apparatus NA Wear safety goggles White Solid Odor Odor less Melting Point NA Self-contained Properties NA White Solid Odor Pressure NA NA NA NA NA NA NA NA NA N				
Extinguishing Media Carbon dioxide, dry chemical powder, foam, water. None indicated Section 6: Accidental Release Measures Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Spills/Leaks Wash with plenty of water, provide adequate ventilation. Section 7: Handlings and Storage Handling Wear surgical gloves Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus NA Exposure Limits NA Sey Protection Wear safety goggles Other Protective Equipment Protective Equipment Protective Cothing Cotton Cotton White Solid Odor Leas Melting Point NA Ma Mapor Pressure NA NA Ma Mapor Density NA Evapor Penssure NA NA NA NA NA NA NA NA NA N	Notes to Physician	Lorcaserin Impurity 2 can be washed with plenty of water in case of		
Unusual Fire and Explosion Hazards None indicated Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Spills/Leaks Wash with plenty of water, provide adequate ventilation. Section 7: Handlings and Storage Handling Wear surgical gloves Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus NA Exposure Limits NA Self-contained breathing apparatus NA Exposure Limits NA Cotton Other Protective Equipment Protective Equipment Protective Indignate Self-contained breathing apparatus NA Wear safety goegles Other Protective Equipment Protective Equipment Other Protective Equipment Self-contained breathing apparatus NA Wear surgical gloves Self-contained breathing apparatus NA Wear surgical gloves Can be stored at room temperature Self-contained breathing apparatus Self-contained breat	Section 5: Firefighting Measures			
Section 6: Accidental Release Measures Personal Precautions Spills/Leaks Wash with plenty of water, provide adequate ventilation. Section 7: Handlings and Storage Handling Wear surgical gloves Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Respiratory Protection Septicatory Protection Septicatory Protection Wear safety goggles Other Protective Equipment Protective Equipment Protective Equipment Skin Full sleeves apron Clothing Cotton Mitte Solid Odor Odor John Section 9: Physical and Chemical Properties Melting Point NA Melting Melting Na Melt	Extinguishing Media	Carbon dioxide, dry chemical powder, foam, water.		
Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Spills/Leaks Wash with plenty of water, provide adequate ventilation. Section 7: Handlings and Storage Handling Wear surgical gloves Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus NA Exposure Limits NA Wear safety goggles Other Protective Equipment Protective Lediting Full sleeves apron Clothing Cotton White Solid Odor Odor less Melting Point NA OH Wapor Pressure NA NA NA Vapor Pressure NA NA NA Vapor Density NA NA NA NA NA NA NA NA NA N	Unusual Fire and Explosion Hazards	None indicated		
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Section 7: Handlings and Storage Handling Wear surgical gloves Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus Exposure Limits NA Wear safety goggles Other Protective Equipment Protective Equipment Protective Equipment Full sleeves apron Clothing Cotton Cotton White Solid Odor less Melting Point NA OH Basic Vapor Pressure NA Vapor Perssure NA Vapor Density NA NA Vapor Density Evaporation Rate NA	Personal Precautions	Wear self-contained breathing apparatus, avoid dust formation.		
Handling Wear surgical gloves Storage Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus Exposure Limits NA Wear safety goggles Other Protective Equipment Protective Equipment Protective Equipment Protective Skin Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA DH Basic Vapor Pressure NA Vapor Pressure NA Vapor Density Evaporation Rate NA	Spills/Leaks	Wash with plenty of water, provide adequate ventilation.		
Section 8: Exposure Controls, Personal Protection Respiratory Protection Exposure Limits Exposure Limits NA Wear safety goggles Other Protective Equipment Protective Equipment Protective Skin Full sleeves apron Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA Basic Vapor Pressure NA Vapor Density Evaporation Rate Can be stored at room temperature Self-contained breathing apparatus NA Wear safety goggles Other Protective clothing Full sleeves apron Cotton	Section 7: Handlings and Storage			
Section 8: Exposure Controls, Personal Protection Respiratory Protection Exposure Limits NA Wear safety goggles Other Protective Equipment Protective Equipment Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point OH Basic Vapor Pressure NA Vapor Density Evaporation Rate Self-contained breathing apparatus Wear safety goggles Other Protective clothing Full sleeves apron Cotton	Handling	Wear surgical gloves		
Respiratory Protection Self-contained breathing apparatus Exposure Limits NA Exe Protection Wear safety goggles Other Protective Equipment Protective clothing Skin Full sleeves apron Cotton Section 9: Physical and Chemical Properties Appearance Odor Odor less Melting Point NA Basic Vapor Pressure NA Vapor Density Evaporation Rate NA	Storage	Can be stored at room temperature		
Exposure Limits Eye Protection Wear safety goggles Other Protective Equipment Protective clothing Full sleeves apron Cotton Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor less Melting Point OH Basic Vapor Pressure NA Vapor Density Evaporation Rate NA	Section 8: Exposure Controls, Personal Protection			
Eye Protection Wear safety goggles Other Protective Equipment Protective Equipment Skin Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA OH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Respiratory Protection	Self-contained breathing apparatus		
Other Protective Equipment Skin Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA OH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Exposure Limits	NA		
Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA Basic Vapor Pressure Vapor Density Evaporation Rate Full sleeves apron Full s	Eye Protection	Wear safety goggles		
Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA OH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Other Protective Equipment	Protective clothing		
Section 9: Physical and Chemical Properties Appearance White Solid Odor less Melting Point NA Basic Vapor Pressure NA Vapor Density Evaporation Rate NA	Skin	Full sleeves apron		
Appearance White Solid Odor Odor less Melting Point NA DH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Clothing	Cotton		
Odor Odor Odor less Melting Point NA Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Section 9: Physical and Chemical Properties			
Melting Point NA Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Appearance	White Solid		
DH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Odor	Odor less		
Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Melting Point	NA		
Vapor Density NA Evaporation Rate NA	рН	Basic		
Evaporation Rate NA	Vapor Pressure	NA		
	Vapor Density	NA		
√iscosity NA	Evaporation Rate	NA		
	Viscosity	NA		

Boiling Point	NA	
Decomposition Temp	NA	
Auto ignition Temp.	NA	
Flash Point	NA	
NFPA Rating	NA	
Explosion Limits		
Lower	NA	
Upper	NA	
Solubility	Chloroform, Methanol	
Specific Gravity/Density	NA	

Section 10: Stability and Reactivity		
Chemical Stability Stable		
Conditions to avoid	Direct contract to skin	
Incompatibilities with other Materials	Keep away	
Hazardous Decomposition Products	NIL	
Hazardous Polymerization	NIL	

Section 11: Toxicological Information		
CAS	NA	
LD50/LC50	NA	
Carcinogenicity	NIL	
Epidemiology	NIL	
Teratogenicity	NIL	
Reproductive Effects	NIL	
Neurotoxicity	NIL	
Mutagencity	NIL	
Other Studies	NA	

Section 12: Ecological Information	
Data not available	

RCRA P-Series	Can be incinerated
RCRA U-Series	NA

Section 14: Transport Consideration

UN-Number

ADR/RID: IMDG: IATA:

UN proper shipping name

ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods

Transport hazard class(es)

ADR/RID: IMDG: IATA:

Packaging Group

ADR/RID: IMDG: IATA:

Environmental hazards

ADR/RID: No IMDG Marine pollutant: No IATA: No

Special precautions for users

Further information

Section	15:	Regulator	v Inforn	nation
Jection	± J.	regulator	y 1111011	nation

TSCA	Attached the letter
Health and Safety Reporting List	No data available
Chemical Test Rules	Chemical analysis report is attached

Section 16: Additional Information

 $This \ product \ is \ not \ bioactive, \ non-radio active. \ It \ is \ for \ R/D \ use \ only. \ Not \ for \ drug, \ household \ or \ other \ uses.$

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge. It does not represent any guarantee of the product.