Material Safety Data Sheet

Section 1: Chemical Product Company Identification	
Product Name	Rosuvastatin EP Impurity G (Calcium Salt)
CAS No.	2414245-11-5
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	(3S,5R,6E)-7-[4-(4-Fluorophenyl)-6-(1-methylethyl)-2-[methyl (methyl sulfonyl) amino]-5-pyrimidinyl]-3,5-dihydroxy-6-heptenoic acid calcium salt
CAS No.	2414245-11-5
Synonyms	Rosuvastatin Calcium Enantiomer; enti-Rosuvastatin Calcium; Rosuvastatin Calcium (3S,5R)-Isomer; (3S,5R)-Rosuvastatin Calcium
Molecular Weight	480.5 : 1/2(40.1)
Molecular Formula	C22H27FN3O6S : 1/2(Ca)

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

Wash with plenty of water Wash with plenty of water Wash with plenty of water Medical assistance for gastric lavage. Remove to fresh air, artificial respiration or oxygen if necessary. Rosuvostatin EP Impurity G (Cadicium Satt) can be washed with plent of water in case of any exposure Section 5: Firefighting Measures Section 5: Firefighting Measures Section 6: Accidental Release Measures Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Wash with plenty of water, provide adequate ventilation. Section 7: Handling Wear surgical gloves Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus NA Wear safety goggles Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Wear safety goggles Protective clothing Self-contained breathing apparatus NA Wear safety goggles Protective Equipment Protective Cothing Full sleeves apron Clotting Cotton White Solid Odor less White Solid	Castian A. Finst Aid Managemen	
Remove to fresh air, artificial respiration or oxygen if necessary. Medical assistance for gastric lavage. Remove to fresh air, artificial respiration or oxygen if necessary. Rosuvastatin EP Impurity G (Calcium Salt) can be washed with plent of water in case of any exposure Extinguishing Media Carbon dioxide, dry chemical powder, foam, water. Musual Fire and Explosion Hazards None indicated Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Personal Precautions Wash with plenty of water, provide adequate ventilation. Section 7: Handlings and Storage Landling Wear surgical gloves Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Self-contained breathing apparatus NA Sepiratory Protection Self-contained breathing apparatus NA Sepiratory Protection Wear safety goggles Protective Equipment Protective Cotting Full sleeves apron Cotton Self-contained Chemical Properties White Solid Odor Odor less	Section 4: First Aid Measures	
Medical assistance for gastric lavage. Remove to fresh air, artificial respiration or oxygen if necessary. Rosuvastatin EP Impurity G (Calcium Salt) can be washed with plents of water in case of any exposure Section 5: Firefighting Measures Section 5: Firefighting Measures Section 6: Accidental Release Measures Personal Procautions Wear self-contained breathing apparatus, avoid dust formation. Wash with plenty of water, provide adequate ventilation. Wear surgical gloves Landling Wear surgical gloves Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Respiratory Protection Septratory Protection Septratory Protection Wear safety goggles Protective Equipment Protective Equipment Protective Equipment Protective Lothing Cotton White Solid Odor less	Eye	Wash with plenty of water
Analation Remove to fresh air, artificial respiration or oxygen if necessary. Notes to Physician Rosuvastatin EP Impurity G (Calcium Salt) can be washed with plents of water in case of any exposure Section 5: Firefighting Measures Section 5: Firefighting Measures Section 6: Accidental Release Measures Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Wash with plenty of water, provide adequate ventilation. Wear surgical gloves Gan be stored at room temperature Section 8: Exposure Controls, Personal Protection Respiratory Protection September Controls Protection September Controls Protection Wear safety goggles Deter Protective Equipment Full sleeves apron Cotton White Solid Odor less	Skin	Wash with plenty of water
Rosuvastatin EP Impurity G (Calcium Salt) can be washed with plents of water in case of any exposure Section 5: Firefighting Measures Extinguishing Media Carbon dioxide, dry chemical powder, foam, water. Jousual Fire and Explosion Hazards None indicated Personal Precautions Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Wash with plenty of water, provide adequate ventilation. Section 7: Handlings and Storage Landling 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 Exposure Limits NA Exposure Limits Protective Equipment Protective Equipment Self-contained breathing apparatus Na Exposure Limits NA Exposure Limits Protective Equipment Protection Carbon Gotton Wear safety goggles Full sleeves apron Cotton Cotton White Solid Odor Odor Iess	Ingestion	Medical assistance for gastric lavage.
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 Personal Precautions Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Personal Precautions Personal Precautions Wash with plenty of water, provide adequate ventilation. Personal Precautions Wash with plenty of water, provide adequate ventilation. Personal Precautions Personal Precautions Personal Precautions Personal Precautions Personal Precautions Personal Precautions Personal Protection Personal Protection Self-contained breathing apparatus NA Personal Protection Wear surgical gloves Can be stored at room temperature Personal Protection Personal Protection Personal Protection Wear safety goggles Protective Equipment P	Inhalation	Remove to fresh air, artificial respiration or oxygen if necessary.
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. Spills/Leaks Wash with plenty of water, provide adequate ventilation. Section 7: Handlings and Storage Landling Wear surgical gloves Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus NA Sey Protection Wear safety goggles Physical and Chemical Properties Appearance White Solid Odor less	Notes to Physician	Rosuvastatin EP Impurity G (Calcium Salt) can be washed with plenty of water in case of any exposure
Annusual Fire and Explosion Hazards None indicated Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Wear self-contained breathing apparatus, avoid dust formation. Wear surgical gloves Genetion 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 Xeposure Limits NA Wear safety goggles Protective Equipment Protective Equipment Protective Cottning Skin Full sleeves apron Cotton Separance White Solid Odor less	Section 5: Firefighting Measures	
Section 6: Accidental Release Measures Personal Precautions Wash with plenty of water, provide adequate ventilation. Wear surgical gloves General Release Measures Wear surgical gloves Can be stored at room temperature Section 8: Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus NA NA Seye Protection Wear safety goggles Protective Equipment Protective Equipment Protective Equipment Protective Equipment Self-contained Despiratory Protection Wear safety goggles White Solid Odor Odor less	Extinguishing Media	Carbon dioxide, dry chemical powder, foam, water.
Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. 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 Exposure Limits NA Wear safety goggles Other Protective Equipment Protective Equipment Protective Lothing Self-contained Dream Cotton Wear safety goggles Wear safety goggles Wear safety goggles Wear safety goggles Other Protective Equipment Wear safety goggles Wear safety goggles Other Protective Equipment Wear safety goggles Wear safety goggles Other Protective Equipment Other Protective Equipment Wear safety goggles Other Protective Equipment Other Protective Equip	Unusual Fire and Explosion Hazards	None indicated
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 Exposure Limits NA Seye Protection Wear safety goggles Other Protective Equipment Protective Cothing Skin Full sleeves apron Clothing Cotton White Solid Odor less	Section 6: Accidental Release Measures	
Fection 7: Handlings and Storage Handling Wear surgical gloves Can be stored at room temperature Fection 8: Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus Exposure Limits NA Eye Protection Wear safety goggles Other Protective Equipment Protective clothing Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor less	Personal Precautions	Wear self-contained breathing apparatus, avoid dust formation.
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 Seye Protection Wear safety goggles Other Protective Equipment Protective Cothing Full sleeves apron Clothing Cotton Appearance White Solid Odor less	Spills/Leaks	Wash with plenty of water, provide adequate ventilation.
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 clothing Skin Full sleeves apron Clothing Cotton Appearance White Solid Odor less	Section 7: Handlings and Storage	
Section 8: Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus Exposure Limits NA Wear safety goggles Other Protective Equipment Protective clothing Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor less	Handling	Wear surgical gloves
Respiratory Protection Self-contained breathing apparatus NA Eye Protection Wear safety goggles Other Protective Equipment Protective clothing Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor less	Storage	Can be stored at room temperature
Exposure Limits NA Eye Protection Wear safety goggles Other Protective Equipment Protective clothing Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor less	Section 8: Exposure Controls, Personal Protection	
Eye Protection Wear safety goggles Protective Clothing Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor less	Respiratory Protection	Self-contained breathing apparatus
Other Protective Equipment Protective clothing Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor less	Exposure Limits	NA
Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor less	Eye Protection	Wear safety goggles
Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor less	Other Protective Equipment	Protective clothing
Section 9: Physical and Chemical Properties Appearance Odor less	Skin	Full sleeves apron
Appearance White Solid Odor less	Clothing	Cotton
Odor less	Section 9: Physical and Chemical Properties	
	Appearance	White Solid
Melting Point NA	Odor	Odor less
ı	Melting Point	NA

Basic

рΗ

Vapor Pressure	NA
Vapor Density	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	
Section 13: Disposal Consideration	
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: Regulatory Information	
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-radioactive. 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.