Safety Data Sheet

Section 1 : Chemical Product Company Identification		
Product Name	17-alpha-Hydroxy Progesterone Caproate	
CAS No.	630-56-8	
Identified uses	Pharmaceutical Reference Standard	
Details of the Supplier Company	SynZeal Research Pvt Ltd Survey No 355/404/407, Rajoda, Bavla, Dist. Ahmedabad - 382 220, Gujarat, INDIA	
Telephone	+91-7969225400	

Section 2 : Chemical Information		
Chemical Name		
CAS No.	630-56-8	
Synonyms	Pregn-4-ene-3,20-dione, 17-[(1-oxohexyl)oxy]-; Pregn-4-ene-3,20-dione, 17-hydroxy-, hexanoate (7CI,8CI); Progesterone, 17-hydroxy-, hexanoate (6CI); 17-[(1-Oxohexyl)oxy]pregn-4-ene-3,20-dione; Hexanoic acid, ester with 17-hydroxypregn-4-ene-3,20-dione (8CI); 17-Caproxyprogesterone; 17?-Caproyloxy-P4; 17?-Caproyloxypregn-4-ene-3,20-dione; 17?-Caproyloxyprogesterone17?-Hydroxypregn-4-ene-3,20-dione caproate; 17?-Hydroxypregn-4-ene-3,20-dione hexanoate; 17?-Hydroxyprogesterone caproate; 17?-Hydroxyprogesterone hexanoate; 17?-Hydroxyprogesterone n-caproate; 3,20-Dioxopregn-4-en-17?-yl caproate; Delalutin; Depo-proluton; HPC; Hormofort; Hydroxyprogesterone caproate; Hydroxyprogesterone hexanoate; Hyproval PA; Lewntogest; NSC 17592; Neolutin; Pharlon; Primolut Depot; Procyte Depo; Proge; Progesterone caproate; Proluton Depot; Syngynon; Teralutil	
Molecular Weight	428.61	
Molecular Formula	C27H40O4	

Section 3 : Hazards Identification		
Emergency Overview:		
Appearance	White Solid	
Target Organs NA		
Potential Health Effects:		

Hazard Statement:
H302:Harmful if swallowed.
H312:Harmful in contact with skin.

H315:Causes skin irritation.

H319: Causes serious eye irritation.

H332:Harmful if inhaled.

H335:May cause respiratory irritation.

Precautionary Statement:

P261:Avoid breathing dust/fume/gas/mist/vapours/spray.

P262:Do not get in eyes, on skin, or on clothing.

P271:Use only outdoors or in a well-ventilated area.

P280:Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352:IF ON SKIN: Wash with plenty of water

P304 + P340:IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 +P338:IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313:|F exposed or concerned: Get medical advice/attention.

Label Elements:

Pictogram

Hazard Statement:

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P305 + P351 +P338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313:IF exposed or concerned: Get medical advice/attention.

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

Inhalation Remove to fresh air, artificial respiration or oxygen if necessary. Notes to Physician 17-alpha-Hydroxy Progesterone Caproate 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. Unusual Fire and Explosion Hazards None indicated Section 6 : Accidental Release Measures Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Spilts/Leaks Wash with plenty of water, provide adequate ventilation. Section 7 : Handling and Storage Handling Wear surgical gloves Storage Section 8 : Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus NA Exposure Limits NA Exposure Limits NA Exposure Limits NA Five Protection Wear safety goggles Other Protective Equipment Protection Section 9 : Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA	Insection	Madical assistance for sectoric laws		
Notes to Physician 127-alpha+Hydroxy Progesterone Caproate 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. Unusual 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 Respiratory Protection Self-contained breathing apparatus Exposure Limits NA Expe Protection Wear safety goggles Other Protective Equipment Protective Equipment Protective Equipment Cotton Clething Cotton Clething Cotton Clething Cotton Malting Point NA Malting Point NA PH Basic NA Vapor Perssure NA Vapor Perssure NA NA Expoporation Rate NA Expoporation Rate NA Expoporation Rate		Medical assistance for gastric lavage.		
Section 5 : Firefighting Measures Extinguishing Media Carbon dioxide, dry chemical powder, foam, water. Unusual Fire and Explosion Hazards None indicated Section 6 : Accidental Release Measures Personal Precautions Wear self-contained breathing apparatus, avoid dust formation. Spillis/Leaks Wash with plenty of water, provide adequate ventilation. Section 7 : Handlings and Storage Handling Wear surgical gloves Section 8 : Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus Exposure Limits NA Exposure Limits NA Exp Protection Wear safety goggles Other Protective Equipment Protection Section 9 : Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA PH Basic Vapor Pressure NA Vapor Density NA Exporation Rate NA Exporation Rate	Inhalation	Remove to fresh air, artificial respiration or oxygen if necessary.		
Extinguishing Media Carbon dioxide, dry chemical powder, foam, water. Unusual 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 Respiratory Protection Self-contained breathing apparatus Exposure Limits NA Exposure Limits NA September Limits NA Other Protective Equipment Protection Section 9: Physical and Chemical Properties Appearance White Solid Odor Odor Less Melting Point NA PH Basic Vapor Pressure NA Vapor Pressure NA NA Expoporation Rate NA Expoporation Rate NA Expoporation Rate	Notes to Physician			
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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 Respiratory Protection Self-contained breathing apparatus NA Eye Protection Wear safety goggles Other Protective Equipment Protective clothing Skin Full sleeves apron Clothing Cotton Section 9 : Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA PH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate	Extinguishing Media	Carbon dioxide, dry chemical powder, foam, water.		
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Section 7 : Handlings and Storage Handling Wear surgical gloves Storage Section 8 : Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus Exposure Limits NA Eye Protection Wear safety goggles Other Protective Equipment Protective clothing Skin Full sleeves apron Clothing Cotton Section 9 : Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA pH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Personal Precautions	Wear self-contained breathing apparatus, avoid dust formation.		
Handling Wear surgical gloves Storage Section 8: Exposure Controls, Personal Protection Respiratory Protection Self-contained breathing apparatus Exposure Limits NA 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 pH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Spills/Leaks	Wash with plenty of water, provide adequate ventilation.		
Section 8 : Exposure Controls, Personal Protection Respiratory Protection Exposure Limits NA Eye Protection Other Protective Equipment Protective Cotting Skin Full sleeves apron Clothing Cotton Section 9 : Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA pH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate	Section 7 : Handlings and Storage			
Section 8 : Exposure Controls, Personal Protection Respiratory Protection Exposure Limits NA Eye Protection Wear safety goggles Other Protective Equipment Protective clothing Skin Full sleeves apron Clothing Cotton Section 9 : Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA pH Basic Vapor Pressure NA Vapor Density Evaporation Rate Self-contained breathing apparatus Wear safety goggles Wear safety goggles Wear safety goggles Odor Odorles' Salva NA NA	Handling	Wear surgical gloves		
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Eye Protection Wear safety goggles Other Protective Equipment Protective Cothing Skin Full sleeves apron Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA pH Basic Vapor Pressure 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 Basic Vapor Pressure NA Vapor Density Evaporation Rate NA Protective clothing Full sleeves apron Applied Solid Cotton White Solid NA	Exposure Limits	NA		
Skin Full sleeves apron Clothing Cotton Section 9 : Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA pH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Eye Protection	Wear safety goggles		
Clothing Cotton Section 9: Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA pH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA Cotton	Other Protective Equipment	Protective clothing		
Section 9 : Physical and Chemical Properties Appearance White Solid Odor Odor less Melting Point NA pH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Skin	Full sleeves apron		
Appearance White Solid Odor Odor less Melting Point NA pH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Clothing	Cotton		
Odor Odor less Melting Point NA pH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Section 9 : Physical and Chemical Properties			
Melting Point NA pH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Appearance	White Solid		
pH Basic Vapor Pressure NA Vapor Density NA Evaporation Rate NA	Odor	Odor less		
Vapor PressureNAVapor DensityNAEvaporation RateNA	Melting Point	NA		
Vapor Density NA Evaporation Rate NA	рН	Basic		
Evaporation Rate NA	Vapor Pressure	NA		
	Vapor Density	NA		
Viscosity	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		
Conditions to avoid	Direct contract to skin	
Incompatibilities with other Materials	Keep away	
Hazardous Decomposition Products	NA	
Hazardous Polymerization NA		

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

Section 12: Ecological Information	
Data not available	

Section	13.	Disposa	l Consideration
Jection	10.	Disposa	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 and 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.