## **Material Safety Data Sheet**

Section 1: Chemical Product Company Identification	
Product Name	2'-O-(tert-Butyldimethylsilyl) Paclitaxel
CAS No.	114655-02-6
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	ction 2: Chemical Information	
Chemical Name	Benzenepropanoic acid, ②-(benzoylamino)-②-[[(1,1-dimethylethyl)dimethylsilyl]oxy]-, 6,12b-bis(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12 b-dodecahydro-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11- methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl ester, [2aR-[2a②,4③,4a②,6③,9②(②R*,②S*),11②,12③,12a③,12b③]]- 7,11-Methano-1H-cyclodeca[3,4]benz[1,2-b]oxete, benzenepropanoic acid deriv. 2'-O-(tert-Butyldimethylsilyl)paclitaxel 2'-O-(tert-Butyldimethylsilyl)taxolBenzenepropanoic acid,②- (benzoylamino)-②-[[(1,1-dimethylethyl)dimethylsilyl]oxy]-, (2aR,4S, 4aS,6R,9S,11S,12S,12aR,12bS)-6,12b-bis(acetyloxy)-12-(benzoyloxy) -2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,11-dihydroxy-4a,8, 13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl ester, (②R,②S)-	
CAS No.	114655-02-6	
Molecular Weight	968.2	
Molecular Formula	C53H65NO14Si	

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

Ingestion NIL Chronic NIL Chronic NIL Chronic NIL  Section 4: First Aid Measures  Eye Wash with plenty of water Skin Wash with plenty of water Ingestion Medical assistance for gastric lavage. Inhalation Remove to fresh air, artificial respiration or oxygen if necessary. Notes to Physician 2-O-(ter- Burydimethylaihyl) Pocificate 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  Personal Precautions Wear self-contained breathing apparatus, avoid dust formation.  Spilia/Leaks Wash with plenty of water, provide adequate ventilation.  Section 7: Handlings and Storage  Wear surgical gloves Scorage Can be stored at room temperature  Section 8: Exposure Controls, Personal Protection  Respiratory Protection Self-contained breathing apparatus  Exposure Limits NA  Eye Protection Wear safety goggles Other Protective Equipment Protection  Skin Full sleeves apron Clothing Cotton			
Eye Wash with plenty of water  Skin Wash with plenty of water  Skin Wash with plenty of water  Ingestion Medical assistance for gastric lavage.  Inhalation Remove to fresh air, artificial respiration or oxygen if necessary.  Notes to Physician 2-0-(tert-Buty)dimethylsily) Paclitaxel 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  Storage Can be stored at room temperature  Section 8: Exposure Controls. Personal Protection  Respiratory Protection Self-contained breathing apparatus  Exposure Limits NA  Eye Protection Wear safety goggles  Other Protective Equipment Protectioning  Skin Full sleeves apron  Cotton	Ingestion	NIL	
Section 4: First Aid Measures  Eye Wash with plenty of water  Skin Wash with plenty of water  Ingestion Medical assistance for gastric lavage.  Inhalation Remove to fresh air, artificial respiration or oxygen if necessary.  Notes to Physician 2: O-(tert-Butyldimethylsilyl) Paclitaxel 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  Scrion 8: Exposure Controls, Personal Protection  Respiratory Protection Self-contained breathing apparatus  NA  Exposure Limits NA  Eye Protection Wear safety goggles  Other Protective Equipment Protection  Full sleeves apron  Clothing Cotton	Inhalation	NIL	
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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	Handling	Wear surgical gloves	
Respiratory Protection  Exposure Limits  NA  Eye Protection  Wear safety goggles  Other Protective Equipment  Protective clothing  Skin  Full sleeves apron  Clothing  Cotton	Storage	Can be stored at room temperature	
Exposure Limits  Eye Protection  Wear safety goggles  Other Protective Equipment  Protective clothing  Full sleeves apron  Clothing  Cotton	Section 8: Exposure Controls, Personal Protection		
Eye Protection  Other Protective Equipment  Skin  Clothing  Cotton  Wear safety goggles  Protective clothing  Full sleeves apron  Cotton	Respiratory Protection	Self-contained breathing apparatus	
Other Protective Equipment Protective clothing  Skin Full sleeves apron  Clothing Cotton	Exposure Limits	NA	
Skin Full sleeves apron Clothing Cotton	Eye Protection	Wear safety goggles	
Clothing Cotton	Other Protective Equipment	Protective clothing	
	Skin	Full sleeves apron	
Section 9: Physical and Chemical Properties	Clothing	Cotton	
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White Solid

Appearance

Odor	Odor less
Melting Point	NA
рН	Basic
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	
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Section 15: Regulatory Information	
TCCA	Attached the letter

ction 15. Regulatory information	
TSCA	Attached the letter
Health and Safety Reporting List	No data available
Chemical Test Rules	Chemical analysis report is attached
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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.