## **Material Safety Data Sheet**

Section 1: Chemical Product Company Identification	
Product Name	Promethazine Hydrochloride In-House Reference Standard
CAS No.	58-33-3
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	Dimethyl[1-(10H-phenothiazin-10-yl)propan-2-yl]amine
CAS No.	58-33-3
Molecular Weight	284.4:36.5
Molecular Formula	C17H20N2S: HCI

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

Ababation Remove to fresh air, artificial respiration or oxygen if necessary.  Botes to Physician Promethazine Hydrochloride In-House Reference Standard can be washed with plenty of water in case of any exposure  Rection 5: Firefighting Measures  Actinguishing Media Carbon dioxide, dry chemical powder, foam, water.  None indicated  Release Measures  Rersonal Precautions Wear self-contained breathing apparatus, avoid dust formation.  Wash with plenty of water, provide adequate ventilation.  Wear surgical gloves  Can be stored at room temperature  Rection 8: Exposure Controls, Personal Protection  Respiratory Protection Wear safety goggles  Wear safety goggles  Protective Equipment Protection  Respiratory Protection Wear safety goggles  Protective Equipment Protective Equipment  Rection 9: Physical and Chemical Properties  Rection 9: Physical and Chemical Properties  Reparance White Solid  Roof Odor less  Rection Prossure  NA  H Basic  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Ingestion	Medical assistance for gastric layage		
Promethazine Hydrochloride In-House Reference Standard can be washed with plenty of water in case of any exposure  ection 5: Firefighting Measures  stringuishing Media Carbon dioxide, dry chemical powder, foam, water.  Inusual Fire and Explosion Hazards None indicated  ection 6: Accidental Release Measures  erronal Precautions Wear self-contained breathing apparatus, avoid dust formation.  pills/Leaks Wash with plenty of water, provide adequate ventilation.  ection 7: Handlings and Storage  landling Wear surgical gloves  Can be stored at room temperature  ection 8: Exposure Controls, Personal Protection  espiratory Protection Self-contained breathing apparatus  xposure Limits NA  ye Protection Wear safety goggles  bther Protective Equipment Protective Equipment  kin Full sleeves apron  lothing Cotton  White Solid  door Odor less  whether possure  NA  H Basic  appor Pressure  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Ingestion	Medical assistance for gastric lavage.		
Autinguishing Media Carbon dioxide, dry chemical powder, foam, water.  None indicated  Carbon dioxide, dry chemical powder, foam, water.  None indicated  Carbon dioxide, dry chemical powder, foam, water.  None indicated  Carbon dioxide, dry chemical powder, foam, water.  None indicated  Carbon dioxide, dry chemical powder, foam, water.  Wear self-contained breathing apparatus, avoid dust formation.  Carbon dioxide, dry chemical powder, foam, water.  Wear self-contained breathing apparatus, avoid dust formation.  Carbon dioxide, dry chemical gaparatus, avoid dust formation.  Wear surgical gloves  Can be stored at room temperature  Can be stored at room temperature  Can be stored at room temperature  Self-contained breathing apparatus  NA  Wear safety goggles  Protection  Wear safety goggles  Cotton  Cotton  Cotton  Cotton  White Solid  Odor less  Alelting Point  NA  H  Basic  Apor Pressure  NA  NA  Apor Density  NA	Notes to Physician	Promethazine Hydrochloride In-House Reference Standard can be		
Inusual Fire and Explosion Hazards  None indicated  Proceedings: Accidental Release Measures  Parsonal Precautions  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  Protection 8: Exposure Controls, Personal Protection  Respiratory Protection  Wear safety goggles  Protective Equipment  Protective Equipment  Rin  Full sleeves apron  Jothing  Cotton  White Solid  Odor  Odor less  MA  H  Basic  Spor Pressure  NA  NA  NA  Spor Pressure  NA  NA  NA  Spor Pressure  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Section 5: Firefighting Measures			
ection 6: Accidental Release Measures  Personal Precautions Wear self-contained breathing apparatus, avoid dust formation.  Wash with plenty of water, provide adequate ventilation.  Wash with plenty of water, provide adequate ventilation.  Wear surgical gloves  Can be stored at room temperature  Can be stored at room temperature  Self-contained breathing apparatus  NA  Exposure Controls, Personal Protection  Wear safety goggles  Protective Equipment  Protective Equipment  Protective Equipment  Protective Colothing  Full sleeves apron  Cotton  Cotton  White Solid  Odor less  Melting Point  NA  H  Basic  NA  Sapor Pressure  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Extinguishing Media	Carbon dioxide, dry chemical powder, foam, water.		
ersonal Precautions  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  ection 8: Exposure Controls, Personal Protection  Respiratory Protection  Self-contained breathing apparatus  NA  Wear safety goggles  Protective Equipment  Wear safety goggles  Protective Equipment  Protective Equipment  Protective Lothing  Cotton  Cotton  White Solid  Odor  Odor less  Melting Point  NA  H  Basic  Apor Pressure  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Unusual Fire and Explosion Hazards	None indicated		
pills/Leaks  Wash with plenty of water, provide adequate ventilation.  ection 7: Handlings and Storage  landling  Wear surgical gloves  Can be stored at room temperature  ection 8: Exposure Controls, Personal Protection  espiratory Protection  Self-contained breathing apparatus  NA  wear safety goggles  Protective Equipment  Protective Equipment  Protective Equipment  Full sleeves apron  Cotton  ection 9: Physical and Chemical Properties  white Solid  Odor  Odor less  felting Point  NA  H  Basic  Apor Pressure  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Section 6: Accidental Release Measures			
ection 7: Handlings and Storage  landling  Wear surgical gloves  Can be stored at room temperature  ection 8: Exposure Controls, Personal Protection  sepiratory Protection  xposure Limits  NA  Wear safety goggles  Protective Equipment  Protective Equipment  Protective Equipment  Full sleeves apron  Cotton  Cotton  White Solid  Odor less  Melting Point  NA  H  Basic  Japor Pressure  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Personal Precautions	Wear self-contained breathing apparatus, avoid dust formation.		
landling Wear surgical gloves  Can be stored at room temperature  ection 8: Exposure Controls, Personal Protection  sepiratory Protection  Self-contained breathing apparatus  NA  ye Protection  Wear safety goggles  Other Protective Equipment  kin  Full sleeves apron  Cotton  Cotton  White Solid  Odor less  Alelting Point  NA  H  Basic  Apor Pressure  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Spills/Leaks	Wash with plenty of water, provide adequate ventilation.		
torage Can be stored at room temperature  ection 8: Exposure Controls, Personal Protection  sepiratory Protection  Self-contained breathing apparatus  NA  Wear safety goggles  Other Protective Equipment  Protective Lothing  Full sleeves apron  Cotton  ection 9: Physical and Chemical Properties  suppearance  White Solid  Odor  Odor less  Melting Point  NA  Basic  Apor Pressure  NA  NA  NA	Section 7: Handlings and Storage			
ection 8: Exposure Controls, Personal Protection  Self-contained breathing apparatus  xposure Limits  NA  Wear safety goggles  Protective Equipment  kin  Full sleeves apron  Cotton  Cotton  White Solid  Odor  Odor less  Melting Point  H  Basic  Appor Pressure  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Handling	Wear surgical gloves		
tespiratory Protection  Self-contained breathing apparatus  Xposure Limits  NA  Wear safety goggles  Protective Equipment  Win Full sleeves apron  Cotton  Cotton  White Solid  Odor  Odor less  Melting Point  H  Basic  Appor Pressure  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	Storage	Can be stored at room temperature		
xxposure Limits  XXPOSURE Limits  XXPOSURE Limits  XXPOSURE Protection  XXPOSURE Protection  XXPOSURE Protective Equipment  XXPOSURE Protective Clothing  XXPOSURE Protective Clothi	Section 8: Exposure Controls, Personal Protection			
Wear safety goggles Other Protective Equipment Protective Equipment Protective Clothing Full sleeves apron Clothing Cotton  Physical and Chemical Properties  Appearance White Solid Odor Odor less Melting Point NA H Basic Apor Pressure NA Ma Mapor Density NA	Respiratory Protection	Self-contained breathing apparatus		
Other Protective Equipment  kin Full sleeves apron  Cotton  Cotton  Protective Clothing  Cotton  White Solid  Odor Cotton  Melting Point  H  Basic  Appor Pressure  NA  NA  NA  NA  NA	Exposure Limits	NA		
kin Full sleeves apron Clothing Cotton  ection 9: Physical and Chemical Properties  Appearance White Solid Odor Odor less Melting Point NA H Basic Yapor Pressure NA  Apor Density NA	Eye Protection	Wear safety goggles		
Cotton  Cotton	Other Protective Equipment	Protective clothing		
ection 9: Physical and Chemical Properties  Appearance  White Solid  Odor  Odor less  Melting Point  NA  H  Basic  Apor Pressure  NA  NA  NA  NA	Skin	Full sleeves apron		
Appearance White Solid Odor Odor less Melting Point NA H Basic Yapor Pressure NA NA NA	Clothing	Cotton		
Odor Odor less Melting Point NA H Basic Yapor Pressure NA NA NA	Section 9: Physical and Chemical Properties			
Melting Point NA H Basic Vapor Pressure NA NA NA	Appearance	White Solid		
H Basic Yapor Pressure NA NA NA	Odor	Odor less		
/apor Pressure NA /apor Density NA	Melting Point	NA		
/apor Density NA	рН	Basic		
	Vapor Pressure	NA		
vaporation Rate NA	Vapor Density	NA		
	Evaporation Rate	NA		
Viscosity NA	Viscosity	NA		

Boiling Point	NA	
Decomposition Temp	NA	
Auto ignition Temp.	NA	
Flash Point	NA	
NFPA Rating	NA	
<b>Explosion Limits</b>		
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:	Regulatory	v Inforn	nation
Section	TJ.	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.