

# Material Safety Data Sheet

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

|                                 |                                |
|---------------------------------|--------------------------------|
| Section 2: Chemical Information |                                |
| Chemical Name                   | N1.9,N1.9-Dimethyldesmopressin |
| CAS No.                         | NA                             |
| Molecular Weight                | 1097.3                         |
| Molecular Formula               | C48H68N14O12S2                 |

|                                   |                         |
|-----------------------------------|-------------------------|
| Section 3: Hazards Identification |                         |
| Emergency Overview:               |                         |
| Appearance                        | White Hygroscopic 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 |

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| Ingestion          | Medical assistance for gastric lavage.  |
| Inhalation         | Remove to fresh air, artificial respiration or oxygen if necessary.                   |
| Notes to Physician | Desmopressin EP Impurity G can be washed with plenty of water in case of any exposure |

|                                    |   |
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| Section 5: Firefighting Measures   |   |
| Extinguishing Media                | Carbon dioxide, dry chemical powder, foam, water. |
| Unusual Fire and Explosion Hazards | None indicated                                    |

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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.       |

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| Section 7: Handlings and Storage |                                   |
| Handling                         | Wear surgical gloves              |
| Storage                          | Can be stored at room temperature |

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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                             |

|   |                         |
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| Section 9: Physical and Chemical Properties |                         |
| Appearance                                  | White Hygroscopic Solid |
| Odor  | Odor less               |
| Melting Point                               | NA                      |
| pH  | 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                   |
| <b>Explosion Limits</b>  |                      |
| Lower                    | NA                   |
| Upper                    | NA                   |
| Solubility               | Chloroform, Methanol |
| Specific Gravity/Density | NA                   |

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| 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  |

|                                    |  |
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| Section 12: Ecological Information |  |
| Data not available                 |  |

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| Section 13: Disposal Consideration |  |
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|               |                    |
|---------------|--------------------|
| RCRA P-Series | Can be incinerated |
| RCRA U-Series | NA                 |

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| Section 14: Transport Consideration  |  |
| UN-Number  |  |
| ADR/RID: IMDG: IATA:   |  |
| UN proper shipping name  |  |
| ADR/RID: Not dangerous goods<br>IMDG: Not dangerous goods<br>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   |                                      |
| 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. |                                      |