

## SECTION-1: Identification of the substance / mixture and the company / undertaking

<b>Catalogue Number</b>	CS-T-96899
<b>Product Name</b>	Methoxy Dechloromelphalan-d4
<b>CAS No.</b>	Not available
<b>Category</b>	Stable Isotopes
<b>Synonyms</b>	4-[(2-Chloroethyl)(2-methoxyethyl)amino]-L-phenylalanine-d4; Melphalan Impurity I-d4
<b>Brand</b>	Clearsynth Labs Ltd.
<b>Identified uses</b>	Laboratory Chemicals
<b>Uses advised against</b>	Not available
<b>Company</b>	Clearsynth Labs Ltd. Mumbai, India
<b>Emergency Phone #</b>	+91-22-245045900
<b>REACH No.</b>	Not available

## SECTION 2: Hazards identification

**Disclaimer:** This is sample MSDS. Please email [sales@clearsynth.com](mailto:sales@clearsynth.com) for more details.

### 2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Not available

### 2.2 Label Elements

**Signal Word:** Not available

Not available

### Hazard Statement(s)

Code	Statement
Not available	Not available

### Precautionary Statement(s)

Code	Statement
Not available	Not available

## SECTION 3: Composition / information on ingredients

### 3.1 Substance

Component : Methoxy Dechloromelphalan-d4

CAS Number : Not available

Molecular Formula : C14H17D4CIN2O3

Molecular Weight : 304.81

Parent Chemical : Not available

Synonyms : 4-[(2-Chloroethyl)(2-methoxyethyl)amino]-L-phenylalanine-d4; Melphalan Impurity I-d4

Concentration : Not available

## SECTION 4: First aid measures

### SECTION 4: First-aid measures

#### 4.1 Description of first aid measures

- General advice: Seek medical attention if symptoms occur or persist. Show this SDS to medical personnel.
  - Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.
  - Skin contact: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation develops.
  - Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention.
  - Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical attention.
- 4.2 Most important symptoms and effects, both acute and delayed
- Not available.
- 4.3 Indication of any immediate medical attention and special treatment needed
- Treat symptomatically.
  - Not available.

## SECTION 5: Firefighting measures

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media: Use extinguishing measures appropriate to surrounding fire (e.g., water spray, alcohol-resistant foam, dry chemical, carbon dioxide).
- Unsuitable extinguishing media: Not available.

#### 5.2 Special hazards arising from the substance or mixture

- Combustion may produce carbon oxides, nitrogen oxides, hydrogen chloride and other irritating/toxic fumes.
- Not available.

#### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Use water spray to cool unopened containers.
- Avoid inhalation of combustion products.

## SECTION 6: Accidental release measures

### SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Avoid dust formation and inhalation.
- Use appropriate personal protective equipment (see Section 8).
- Ensure adequate ventilation.

### 6.2 Environmental precautions

- Prevent further leakage or spillage if safe to do so.
- Avoid release to the environment. Prevent entry into drains, surface water, or soil.

### 6.3 Methods and material for containment and cleaning up

- For small spills: Carefully sweep or scoop up without generating dust; place in a suitable, closed container for disposal.
- For large spills: Contain spill; collect using methods that minimize dust generation.
- Clean contaminated area with suitable cleaning agent. Dispose of waste in accordance with local regulations.

### 6.4 Reference to other sections

- See Section 8 for personal protective equipment and Section 13 for disposal considerations.

## SECTION-7: Handling and storage

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Handle in accordance with good industrial hygiene and safety practice.
- Avoid contact with skin and eyes. Avoid inhalation of dust.
- Use with adequate ventilation; use local exhaust where dust may be generated.
- Do not eat, drink, or smoke when using this product.

#### 7.2 Conditions for safe storage, including any incompatibilities

- Store in a tightly closed container in a cool, dry, well-ventilated place.
- Protect from moisture.
- Incompatibilities: Not available.

#### 7.3 Specific end use(s)

- For laboratory/research use only. Not available.

## SECTION 8: Exposure controls / personal protection

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

- Occupational exposure limits: No data available.
- DNEL/PNEC: Not available.

#### 8.2 Exposure controls

- Engineering controls: Provide adequate ventilation. Use local exhaust ventilation where appropriate.
- Personal protective equipment (PPE):
- Eye/face protection: Safety glasses with side shields or chemical splash goggles.
- Skin protection: Protective gloves (material not available). Wear protective clothing as needed.
- Respiratory protection: If ventilation is inadequate or dust is generated, use an appropriate particulate respirator in accordance with applicable regulations.

- Hygiene measures: Wash hands after handling. Remove contaminated clothing and wash before reuse.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Test	Result
Appearance	No data available
IR spectrum	No data available
pH	No data available
Solubility	No data available

Property	Value
a) Physical State	No data available
b) Color	No data available
c) Odor	No data available
d) pH	No data available
e) Vapour Pressure	No data available
f) Viscosity	No data available
g) Initial Boiling Point and boiling range	No data available
h) Melting Point / Freezing Point	No data available
i) Auto Ignition Temperature	No data available
j) Flash Point	No data available
k) Explosion Limit, Lower	No data available
l) Explosion Limit, Upper	No data available
m) Decomposition Temperature	No data available
n) Loss on Drying	No data available
o) Relative Density	No data available
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

## SECTION 10: Stability and reactivity

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#### 10.1 Reactivity

- Not available.

#### 10.2 Chemical stability

- Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

- Not available.

#### 10.4 Conditions to avoid

- Avoid heat, moisture, and dust generation.

- Not available.

#### 10.5 Incompatible materials

- Not available.

#### 10.6 Hazardous decomposition products

- Carbon oxides, nitrogen oxides, hydrogen chloride and other irritating/toxic fumes.

- Not available.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- Acute toxicity: No data available.

- Skin corrosion/irritation: No data available.

- Serious eye damage/eye irritation: No data available.

- Respiratory or skin sensitization: No data available.

- Germ cell mutagenicity: No data available.

- Carcinogenicity: No data available.

- Reproductive toxicity: No data available.

- STOT-single exposure: No data available.

- STOT-repeated exposure: No data available.

- Aspiration hazard: No data available.

### Likely routes of exposure

- No data available.

### Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

## SECTION 12: Ecological information

### SECTION 12: Ecological information

#### 12.1 Toxicity

- No data available.

#### 12.2 Persistence and degradability

- No data available.

12.3 Bioaccumulative potential

- No data available.

12.4 Mobility in soil

- No data available.

12.5 Results of PBT and vPvB assessment

- Not available.

12.6 Endocrine disrupting properties

- Not available.

12.7 Other adverse effects

- Not available.

### SECTION 13: Disposal considerations

#### SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Dispose of contents/container in accordance with local/regional/national/international regulations.

- Do not discharge to drains.

- Recommended disposal method: Not available.

- Contaminated packaging: Dispose of as unused product or according to local regulations.

### SECTION 14: Transport information

#### SECTION 14: Transport information

- UN number: Not available.

- UN proper shipping name: Not available.

- Transport hazard class(es): Not available.

- Packing group: Not available.

- Environmental hazards: Not available.

- Special precautions for user: Not available.

- Transport in bulk according to IMO instruments: Not available.

### SECTION 15: Regulatory information

#### SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulatory listings (e.g., TSCA, REACH, DSL, EINECS/ELINCS, ENCS, AICS): Not available.

15.2 Chemical safety assessment

- Not available.

### SECTION 16: Other information

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- Synonyms: 4-[(2-Chloroethyl)(2-methoxyethyl)amino]-L-phenylalanine-d4; Melphalan Impurity I-d4
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

#### Disclaimer

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- Not available: indicates data not provided or not determined for this product.

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