

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

<b>Catalogue Number</b>	CS-T-57227
<b>Product Name</b>	Levomedetomidine
<b>CAS No.</b>	1061620-92-5
<b>Category</b>	API
<b>Synonyms</b>	Not available
<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 : Levomedetomidine  
CAS Number : 1061620-92-5  
Molecular Formula : Not available  
Molecular Weight : Not available  
Parent Chemical : Detomidine  
Synonyms : Not available  
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 the physician.

Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.

Skin contact: Wash with 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 if irritation persists.

Ingestion: Rinse mouth. Do NOT induce vomiting unless directed by medical personnel. Seek medical attention.

##### 4.2 Most important symptoms/effects, acute and delayed

Not available.

##### 4.3 Indication of immediate medical attention and special treatment needed

Treat symptomatically. No data available.

### SECTION 5: Firefighting measures

#### SECTION 5: Fire-fighting measures

##### 5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire (e.g., water spray, alcohol-resistant foam, dry chemical, carbon dioxide).

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

No data available. Combustion may produce carbon oxides and nitrogen oxides.

##### 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 breathing dust. Avoid contact with skin and eyes. Use appropriate personal protective equipment.

##### 6.2 Environmental precautions

Avoid release to the environment. Prevent entry into drains, surface water, or soil.

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

Contain spill. Sweep up or collect without generating dust and place in a suitable, labeled container for disposal. Clean spill area with suitable cleaning method. 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 formation of dust. Avoid breathing dust. Avoid contact with skin, eyes, and clothing. Use with adequate ventilation.

**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. Keep away from incompatible materials.

Incompatible materials: Not available.

**7.3 Specific end use(s)**

API / laboratory or research use. Not for food, drug, or household use. Specific end uses: Not available.

**SECTION 8: Exposure controls / personal protection**

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**8.1 Control parameters**

Occupational exposure limits: Not available.

Biological limit values: Not available.

**8.2 Exposure controls**

Engineering controls: Provide adequate ventilation. Use local exhaust where dust may be generated.

Personal protective equipment (PPE):

- Eye/face protection: Safety glasses with side shields or chemical goggles.
- Skin protection: Protective gloves. Protective clothing as appropriate.
- Respiratory protection: If ventilation is inadequate or dust is generated, use a suitable particulate respirator in accordance with applicable standards.
- Hygiene measures: Wash hands after handling. Do not eat, drink, or smoke when using this product.

**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

Test	Result
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

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

#### 10.4 Conditions to avoid

Avoid dust formation. Avoid heat and moisture. Other conditions: Not available.

#### 10.5 Incompatible materials

Not available.

#### 10.6 Hazardous decomposition products

May produce carbon oxides and nitrogen oxides under fire conditions. Other decomposition products: 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

Not available.

##### 12.2 Persistence and degradability

Not available.

##### 12.3 Bioaccumulative potential

Not available.

##### 12.4 Mobility in soil

Not 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.

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

Waste codes: Not available.

### SECTION 14: Transport information

SECTION 14: Transport information

14.1 UN number

Not available.

14.2 UN proper shipping name

Not available.

14.3 Transport hazard class(es)

Not available.

14.4 Packing group

Not available.

14.5 Environmental hazards

Not available.

14.6 Special precautions for user

Not available.

14.7 Maritime transport in bulk according to IMO instruments

Not available.

### SECTION 15: Regulatory information

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

Not available.

15.2 Chemical safety assessment

Not available.

### SECTION 16: Other information

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Product name: Levomedetomidine

Catalog No.: CS-T-57227

CAS No.: 1061620-92-5

Category: API

Supplier: Clearsynth Labs Ltd., Mumbai, India

Emergency phone: +91-22-245045900

Revision date: 2026-03-14

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