

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

<b>Catalogue Number</b>	CS-O-58720
<b>Product Name</b>	1-Heneicosanol
<b>CAS No.</b>	15594-90-8
<b>Category</b>	Intermediate
<b>Synonyms</b>	heneicosan-1-ol
<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 : 1-Heneicosanol  
CAS Number : 15594-90-8  
Molecular Formula : C<sub>21</sub>H<sub>44</sub>O  
Molecular Weight : 312.57  
Parent Chemical : Heneicosanol  
Synonyms : heneicosan-1-ol  
Concentration : Not available

### SECTION 4: First aid measures

#### SECTION 4: First-aid measures

##### 4.1 Description of first aid measures

- General advice: Remove contaminated clothing and shoes. Seek medical attention if symptoms persist or develop.
- Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.
- Skin contact: Wash with soap and water. Get 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 if feeling unwell.

##### 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 Extinguishing media

- Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical, carbon dioxide.
- Unsuitable extinguishing media: Not available.

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

- Specific hazards: Combustible. Thermal decomposition may produce irritating and/or toxic fumes.
- Hazardous combustion products: Carbon oxides. Other decomposition products: Not available.

##### 5.3 Advice for firefighters

- Protective equipment: Self-contained breathing apparatus (SCBA) and full protective gear.
- Firefighting instructions: Use water spray to cool unopened containers. Avoid breathing fumes and vapors.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

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

- Avoid contact with skin and eyes. Avoid breathing dust/fume/vapors.
- Use appropriate personal protective equipment (see Section 8).

### 6.2 Environmental precautions

- Prevent further leakage or spillage if safe to do so. Avoid release to the environment. Do not allow to enter drains/surface waters/groundwater.

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

- Contain spill. Collect using non-sparking tools and place in a suitable, labeled container for disposal.  
- Clean spill area with suitable absorbent material. 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, eyes, and clothing.  
- Avoid breathing dust/fume/vapors.  
- Use with adequate ventilation.  
- Keep away from ignition sources. Take precautionary measures against static discharge.

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

- Store in a cool, dry, well-ventilated place.  
- Keep container tightly closed.  
- Protect from heat and direct sunlight.  
- Incompatible materials: Strong oxidizing agents (general incompatibility). Additional incompatibilities: Not available.

#### 7.3 Specific end use(s)

- Intermediate. No further information available.

## SECTION 8: Exposure controls / personal protection

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

- Occupational exposure limits: Not available.  
- Biological limit values: Not available.

#### 8.2 Exposure controls

- Engineering controls: Provide adequate general and/or local exhaust ventilation to control airborne levels.

#### Personal protective equipment (PPE):

- Eye/face protection: Safety glasses with side shields or chemical splash goggles.  
- Skin protection: Protective gloves. Wear appropriate protective clothing.  
- Respiratory protection: If ventilation is inadequate or exposure is possible, use a suitable respirator in accordance with applicable regulations.  
- Hygiene measures: Wash hands thoroughly 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

### SECTION 10: Stability and reactivity

#### 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

- Heat, flames, sparks, and other ignition sources. Excessive heat. Other conditions: Not available.

#### 10.5 Incompatible materials

- Strong oxidizing agents. Additional incompatible materials: Not available.

#### 10.6 Hazardous decomposition products

- Carbon oxides. 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

- 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

- No data available.

#### 12.7 Other adverse effects

- No data 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 or the environment.
- Contaminated packaging: Dispose of as unused product or according to local requirements.

#### Waste codes

- Not available.

### 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.

#### Additional information

- Classification for transport may vary by mode and jurisdiction; verify with current carrier and regulatory requirements.

### SECTION 15: Regulatory information

#### SECTION 15: Regulatory information

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

- Regulatory inventories/status (e.g., TSCA, REACH, DSL, EINECS/ELINCS, ENCS, AICS, IECSC, KECI): Not available.
- GHS classification (jurisdiction-specific): Not available.

##### 15.2 Chemical safety assessment

- No data available.

### SECTION 16: Other information

#### SECTION 16: Other information

### Product identification

- Product name: 1-Heneicosanol
- Synonyms: heneicosan-1-ol
- CAS No.: 15594-90-8
- Catalog No.: CS-O-58720
- Molecular weight: 312.57
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

### Revision information

- Revision date: Not available.
- Version: Not available.

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