

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

<b>Catalogue Number</b>	CS-DV-01784
<b>Product Name</b>	2-Methyl-1-phenyl-2-propanol
<b>CAS No.</b>	100-86-7
<b>Category</b>	Intermediate
<b>Synonyms</b>	Benzyldimethylcarbinol; $\alpha,\alpha$ -Dimethylphenethyl Alcohol
<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:

Acute toxicity (Category 4)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

Code	Statement
H302	Harmful if swallowed.

#### Precautionary Statement(s)

Code	Statement
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P264	Wash hands thoroughly after handling.
P270	Not available
P301+P317	Not available
P330	Not available
P501	Dispose of contents/container in accordance with local/regional/national/international regulation

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : 2-Methyl-1-phenyl-2-propanol

CAS Number : 100-86-7

Molecular Formula : C<sub>10</sub>H<sub>14</sub>O

Molecular Weight : 150.22

Parent Chemical : -

Synonyms : Benzyl dimethylcarbinol;

$\alpha,\alpha$ -Dimethylphenethyl Alcohol

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.
- Show this safety data sheet to the doctor in attendance.

Inhalation:

- Move person to fresh air. Keep at rest in a position comfortable for breathing.
- If breathing is difficult, seek medical attention.

Skin contact:

- Wash with plenty of soap and water.
- Seek medical attention if irritation develops or persists.

Eye contact:

- Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
- Continue rinsing and seek medical attention if irritation persists.

Ingestion:

- Rinse mouth. Do NOT induce vomiting.
- Never give anything by mouth to an unconscious person.
- 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.
- 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 (CO<sub>2</sub>).

Unsuitable extinguishing media:

- Not available.

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

- Combustible. Vapors may form explosive mixtures with air (No data available).
- Hazardous combustion products may include carbon oxides.

##### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Use water spray to cool unopened containers.
- Prevent fire-fighting water from entering drains or watercourses.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

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

- Evacuate unnecessary personnel.
- Ensure adequate ventilation.
- Avoid breathing vapors/mist and avoid contact with skin and eyes.
- Use appropriate personal protective equipment (see Section 8).

##### 6.2 Environmental precautions

- Avoid release to the environment.
- Prevent entry into drains, sewers, or waterways.

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

- Contain spill with inert absorbent material (e.g., sand, earth, vermiculite).
- Collect into suitable, labeled containers for disposal.
- Clean contaminated area with detergent and water; avoid generating aerosols.

##### 6.4 Reference to other sections

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

### SECTION-7: Handling and storage

#### SECTION 7: Handling and storage

##### 7.1 Precautions for safe handling

- Use only with adequate ventilation.
- Avoid contact with skin, eyes, and clothing.
- Avoid breathing vapors/mist.
- Keep away from heat, sparks, open flames, and hot surfaces.
- Use non-sparking tools and take precautionary measures against static discharge (where applicable).
- Wash hands thoroughly after handling.

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

- Store in tightly closed container in a cool, dry, well-ventilated place.
- Keep container tightly closed when not in use.
- Keep away from oxidizing agents.
- Storage temperature: Not available.

#### 7.3 Specific end use(s)

- Intermediate. No additional information available.

### SECTION 8: Exposure controls / personal protection

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

##### 8.1 Control parameters

###### Occupational exposure limits:

- Not available.

###### Derived no-effect level (DNEL) / Predicted no-effect concentration (PNEC):

- Not available.

##### 8.2 Exposure controls

###### Engineering controls:

- Provide local exhaust ventilation or general dilution ventilation to maintain exposure below applicable limits.

###### Personal protective equipment (PPE):

###### Eye/face protection:

- Safety glasses with side shields or chemical splash goggles.

###### Skin protection:

- Wear protective gloves (material selection dependent on use conditions; Not available).
- Wear protective clothing as appropriate.

###### Respiratory protection:

- If ventilation is inadequate, use an appropriate NIOSH/EN-approved respirator (selection based on exposure; Not available).

###### Hygiene measures:

- Handle in accordance with good industrial hygiene and safety practice.
- 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

- 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.

### 10.5 Incompatible materials

- Strong oxidizing agents.
- Other incompatibilities: 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

##### Product:

- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Incineration or disposal via a licensed waste contractor is recommended where permitted.

##### Contaminated packaging:

- Dispose of as unused product. Do not reuse empty containers.

##### 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

### SECTION 15: Regulatory information

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

- Regulatory status (inventories/registrations): Not available.
- GHS classification: Not available.
- Label elements: Not available.

#### 15.2 Chemical safety assessment

- No data available.

### SECTION 16: Other information

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##### Product identifier:

- Product name: 2-Methyl-1-phenyl-2-propanol
- CAS No.: 100-86-7
- Catalog No.: CS-DV-01784
- Synonyms: Benzyldimethylcarbinol;  $\alpha,\alpha$ -Dimethylphenethyl Alcohol

##### Supplier:

- Clearsynth Labs Ltd., Mumbai, India

##### Emergency phone:

- +91-22-245045900

##### Revision information:

- Not available.

##### Disclaimer:

- The information provided is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The supplier shall not be held liable for any damage resulting from handling or from contact with the product.

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