

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

<b>Catalogue Number</b>	CS-O-60386
<b>Product Name</b>	Diisobutyl Ether
<b>CAS No.</b>	628-55-7
<b>Category</b>	Fine Chemicals
<b>Synonyms</b>	Isobutyl Ether; 1-Isobutoxy-2-methylpropane
<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:** Warning

Not available

#### Hazard Statement(s)

Code	Statement
H225	Not available

#### Precautionary Statement(s)

Code	Statement
P210	Not available
P233	Not available
P240	Not available

P241	Not available
P242	Not available
P243	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	Not available
P370+P378	Not available
P403+P235	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 : Diisobutyl Ether

CAS Number : 628-55-7

Molecular Formula : C<sub>8</sub>H<sub>18</sub>O

Molecular Weight : 130.23

Parent Chemical : -

Synonyms : Isobutyl Ether; 1-Isobutoxy-2-methylpropane

Concentration : Not available

### SECTION 4: First aid measures

#### SECTION 4: First-aid measures

##### 4.1 Description of first aid measures

- General advice: Remove from exposure. Show this SDS to medical personnel.
- Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.
- Skin contact: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation persists.
- 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. Never give anything by mouth to an unconscious person. Seek medical attention.

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

- May cause irritation to eyes, skin, and respiratory tract.
- Central nervous system effects (e.g., dizziness, drowsiness) may occur.
- Additional symptoms/effects: Not available.

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

- Treat symptomatically.
- Special treatment: Not available.

### SECTION 5: Firefighting measures

#### SECTION 5: Fire-fighting measures

##### 5.1 Extinguishing media

- Suitable extinguishing media: Dry chemical, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam.
- Unsuitable extinguishing media: Not available.

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

- Flammable liquid and vapor.
- Vapors may form explosive mixtures with air.
- Combustion may produce carbon oxides.

##### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Use water spray to cool unopened containers.
- Fight fire from a safe distance and protected location.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

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

- Evacuate unnecessary personnel.
- Eliminate all ignition sources. Avoid breathing vapors.
- Provide adequate ventilation.
- 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. 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, closed containers for disposal.
- Use non-sparking tools. Clean spill area with suitable solvent/cleaner as appropriate.

##### 6.4 Reference to other sections

- See Section 8 for exposure controls/personal protection 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.
- Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
- Use explosion-proof ventilation/electrical equipment where required.
- Avoid breathing vapors/mists. Avoid contact with eyes and skin.
- Ground/bond container and receiving equipment. Use non-sparking tools.

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

- Store in a cool, dry, well-ventilated place.
- Keep container tightly closed.
- Store away from oxidizing agents and sources of ignition.
- Protect from light: Not available.

### 7.3 Specific end use(s)

- Fine chemical / laboratory use. Specific uses: Not 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: Use local exhaust ventilation or general ventilation to maintain airborne concentrations below applicable limits (if established).
- Personal protective equipment (PPE):
  - Eye/face protection: Safety glasses with side shields or chemical splash goggles.
  - Skin protection: Chemical-resistant gloves. Protective clothing as needed.
  - Respiratory protection: If ventilation is inadequate, use appropriate respiratory protection. Specific respirator type: Not available.
- 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

Property	Value
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

- Heat, sparks, open flames, and other ignition sources.

- Static discharge.

##### 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

- 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.

- Incineration or disposal via licensed waste contractor may be appropriate.
- Contaminated packaging: Dispose of as unused product unless cleaned.

### 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., GHS/CLP/OSHA/TSCA/REACH): Not available.

##### 15.2 Chemical safety assessment

- Not available.

### SECTION 16: Other information

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- Product name: Diisobutyl Ether
- Catalog No.: CS-O-60386
- CAS No.: 628-55-7
- Synonyms: Isobutyl Ether; 1-Isobutoxy-2-methylpropane
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

#### Disclaimer

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