

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

<b>Catalogue Number</b>	CS-T-98854
<b>Product Name</b>	Diethylene Glycol Dimethacrylate-d4
<b>CAS No.</b>	Not available
<b>Category</b>	Stable Isotopes
<b>Synonyms</b>	"2-Methyl-2-propenoic Acid 1,1'-(Oxydi-2,1-ethanediyl) Ester-d4; Methacrylic Acid Oxydiethylene Ester-d4; Diethylene Glycol Dimethacrylate-d4; 2,2'-Oxybisethanol Dimethacrylate-d4; 2,2'-Oxydiethyl Dimethacrylate-d4; 2G-d4; Blemmer PDE 100-d4; DGM 2-d4; Die"
<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 : Diethylene Glycol Dimethacrylate-d4

CAS Number : Not available

Molecular Formula : C8D4H18O5

Molecular Weight : 246.29

Parent Chemical : Not available

Synonyms : "2-Methyl-2-propenoic Acid 1,1'-(Oxydi-2,1-ethanediyl) Ester-d4; Methacrylic Acid Oxydiethylene Ester-d4; Diethylene Glycol Dimethacrylate-d4; 2,2'-Oxybisethanol Dimethacrylate-d4; 2,2'-Oxydiethyl

Dimethacrylate-d4; 2G-d4; Blemmer PDE 100-d4; DGM 2-d4; Die"

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 plenty of soap and water. Get medical attention if irritation occurs.
- 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 and effects, both acute and delayed

- Not available.

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

- Treat symptomatically.

### 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 and other irritating/ toxic fumes.
- Vapors may form explosive mixtures with air if heated (Not available for specific limits).

##### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Cool containers with water spray to prevent rupture due to heat.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

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

- Avoid breathing vapors/mists.
- Avoid contact with skin and eyes.
- 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, waterways, or soil.

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

- Contain spill with inert absorbent material.
- Collect in suitable, labeled containers for disposal.
- Clean contaminated area with suitable cleaning agent; avoid generating aerosols.

##### 6.4 Reference to other sections

- For disposal considerations, see Section 13.

### 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 breathing vapors/mists and avoid contact with skin and eyes.
- Use only with adequate ventilation.
- Keep away from heat, sparks, open flames, and other ignition sources.
- Avoid uncontrolled polymerization: keep container tightly closed; minimize exposure to heat and light.

##### 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; strong acids/bases (Not available for complete list).

##### 7.3 Specific end use(s)

- Laboratory/research use. Not available for additional specific uses.

### SECTION 8: Exposure controls / personal protection

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

##### 8.1 Control parameters

- Occupational exposure limits: No data available.
- Biological limit values: No data available.

##### 8.2 Exposure controls

- Engineering controls: Use local exhaust ventilation or general ventilation to maintain airborne concentrations as low as practicable.
- 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.
- Respiratory protection: If ventilation is inadequate, use appropriate respiratory protection (selection based on exposure; no data available).
- Hygiene measures: Wash hands after handling. Do not eat, drink, or smoke when using this product.
- Environmental exposure controls: Avoid release to the environment.

## 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

Property	Value
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

- Not available.

#### 10.2 Chemical stability

- Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

- May undergo polymerization under certain conditions (e.g., heat, contamination, initiators). No data available for specific conditions.

#### 10.4 Conditions to avoid

- Heat, sparks, open flame, direct sunlight, and other ignition sources.  
- Avoid contamination and excessive heat that may promote polymerization.

#### 10.5 Incompatible materials

- Strong oxidizing agents. Not available for additional incompatibilities.

#### 10.6 Hazardous decomposition products

- Carbon oxides and irritating fumes. No data available for additional decomposition products.

## 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.

### 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

- Not available.

15.2 Chemical safety assessment

- No data available.

### SECTION 16: Other information

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- Product name: Diethylene Glycol Dimethacrylate-d4
- Catalog No.: CS-T-98854
- Category: Stable Isotopes
- Molecular weight: 246.29
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

Disclaimer:

- The information provided is based on available product information and is intended for guidance in safe handling. Not available where data are not provided. Users are responsible for compliance with applicable laws and regulations.

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