

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

Catalogue Number	CS-O-55752
Product Name	Dipropylene glycol monomethyl ether
CAS No.	34590-94-8
Category	Fine Chemicals
Synonyms	1-((1-methoxypropan-2-yl)oxy)propan-2-ol
Brand	Clearsynth Labs Ltd.
Identified uses	Laboratory Chemicals
Uses advised against	Not available
Company	Clearsynth Labs Ltd. Mumbai, India
Emergency Phone #	+91-22-245045900
REACH No.	Not available

SECTION 2: Hazards identification

Disclaimer: This is sample MSDS. Please email 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
H320	Not available
H335	Not available
H336	Not available
H227	Not available

Precautionary Statement(s)

Code	Statement
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P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264+P265	Not available
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present
P319	Get medical help if you feel unwell.
P337+P317	If eye irritation persists: Get medical help.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation
P210	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378	Not available
P403	Not available

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Dipropylene glycol monomethyl ether

CAS Number : 34590-94-8

Molecular Formula : C7H16O3

Molecular Weight : 148.20

Parent Chemical : -

Synonyms : 1-((1-methoxypropan-2-yl)oxy)propan-2-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 if you feel unwell.

Inhalation: Move person to fresh air. Keep at rest. Get medical advice/attention if symptoms occur.

Skin contact: Wash with plenty of soap and water. Get medical advice/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. Get medical advice/attention if irritation persists.

Ingestion: Rinse mouth. Do NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/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 (CO₂).

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

May form combustible vapors. Thermal decomposition may produce irritating and/or toxic fumes/gases (e.g., carbon oxides). Additional information: Not available.

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 waterways.

SECTION 6: Accidental release measures

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors/mist. Avoid contact with skin and eyes. Ensure 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, surface waters, and soil.

6.3 Methods and material for containment and cleaning up

Contain spill. Absorb with inert material (e.g., sand, earth, vermiculite). Collect into suitable, labeled containers for disposal. Wash spill area with water and detergent as appropriate. 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

Use with adequate ventilation. Avoid breathing vapors/mist. Avoid contact with skin, eyes, and clothing. Keep container tightly closed when not in use. Practice good industrial hygiene.

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 ignition sources.
Incompatible materials: Not available.

7.3 Specific end use(s)

Fine chemical. 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: 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 as appropriate.
- Skin protection: Wear protective gloves. Specific glove material and breakthrough time: Not available.
- Body protection: Wear suitable protective clothing.
- Respiratory protection: If ventilation is inadequate or exposure is possible, 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
d) pH	No data available
e) Vapour Pressure	No data available

Property	Value
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, sparks, open flames, and other ignition sources. Additional conditions: Not available.

10.5 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: ... /DIPROPYLENE GLYCOL MONOMETHYL ETHER/ CAUSED NEITHER IRRITATION NOR SENSITIZATION WHEN TESTED ON HUMAN SUBJECTS. IT IS LOW IN TOXICITY BY INHALATION. HAZARDS TO HEALTH ASSOC WITH HANDLING & ORDINARY USE OF THIS MATERIAL SEEM TO BE MINIMAL. A CNS DEPRESSANT OF LOW TOXICITY TO ANIMALS ...

- Skin corrosion/irritation: No data available.
- Serious eye damage/eye irritation: Skin and eye irritation.
- Respiratory or skin sensitization: THE SUBSTANCE WAS FOUND NOT TO BE AN IRRITANT TO THE SKIN & PATCH TESTS ON 250 HUMAN SUBJECTS PRODUCED NO SENSITIZATION. ... UNDILUTED MATERIAL /WAS APPLIED/ TO SKIN OF HUMAN SUBJECTS. IN ONE GROUP IT ... /REMAINED/ IN DIRECT CONTACT WITH SKIN FOR 5 DAYS, & AGAIN 3 WK LATER FOR 48 HR; IN ANOTHER GROUP ... APPLIED FOR 4-8 HR EVERY OTHER DAY & AGAIN FOR 24-48 HR 3 WK LATER. /NO EVIDENCE OF IRRITATION, SENSITIZATION./
- 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

- ... /DIPROPYLENE GLYCOL MONOMETHYL ETHER/ CAUSED NEITHER IRRITATION NOR SENSITIZATION WHEN TESTED ON HUMAN SUBJECTS. IT IS LOW IN TOXICITY BY INHALATION. HAZARDS TO HEALTH ASSOC WITH HANDLING & ORDINARY USE OF THIS MATERIAL SEEM TO BE MINIMAL.

Symptoms related to the physical, chemical and toxicological characteristics

- REPEATED 7 HR DAILY INHALATION EXPOSURES OF FOUR ANIMAL SPECIES, INCLUDING THE MONKEY, AT LEVELS OF BETWEEN 300 & 400 PPM PRODUCED MILD ILL EFFECTS IN ANIMALS, CONSISTING OF /CNS DEPRESSION/ & CHANGES IN THE LIVER & LUNG.

SECTION 12: Ecological information

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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

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.

Waste classification: Not available.

Contaminated packaging: Dispose of as unused product unless cleaned thoroughly.

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

No data available.

SECTION 16: Other information

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Catalog No.: CS-O-55752

CAS No.: 34590-94-8

Supplier: Clearsynth Labs Ltd., Mumbai, India

Emergency phone: +91-22-245045900

Revision date: Not available.

Disclaimer: The information provided is believed to be accurate based on available data, but no warranty is expressed or implied. Users are responsible for determining suitability for their particular application and for compliance with applicable laws and regulations.

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