

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

Catalogue Number	CS-ZH-32844
Product Name	1-Propene, 3,3-dichloro-
CAS No.	563-57-5
Category	Fine Chemicals
Synonyms	-
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:

Skin irritation (Category 2)

Acute toxicity (Category 4)

2.2 Label Elements

Signal Word: Warning



Hazard Statement(s)

Code	Statement
H225	Not available
H302	Harmful if swallowed.
H312	Harmful in contact with skin.

H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	Not available
H341	Not available
H412	Not available

Precautionary Statement(s)

Code	Statement
P203	Not available
P210	Not available
P233	Not available
P240	Not available
P241	Not available
P242	Not available
P243	Not available
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P270	Not available
P271	Use only outdoors or in a well-ventilated area.
P273	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P317	Not available
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P303+P361+P353	Not available
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P354+P338	Not available
P317	Not available
P318	Not available

P319	Get medical help if you feel unwell.
P321	Specific treatment (see ... on this label).
P330	Not available
P332+P317	If skin irritation occurs: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	Not available
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Not available
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : 1-Propene, 3,3-dichloro-

CAS Number : 563-57-5

Molecular Formula : C3H4Cl2

Molecular Weight : 110.97 g/mol

Parent Chemical : Not available

Synonyms : -

Concentration : Not available

SECTION 4: First aid measures

SECTION 4: First-aid measures

4.1 Description of first aid measures

General advice: Seek medical attention if symptoms occur or persist. Show this SDS to the physician.

Inhalation: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, seek medical attention.

Skin contact: Remove contaminated clothing and shoes. Wash skin with plenty of water and soap.

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. No data available.

SECTION 5: Firefighting measures

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures appropriate to surrounding fire.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: May produce hydrogen chloride and other chlorinated compounds; carbon oxides.

No data available.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and full protective gear. Cool containers exposed to fire with water spray from a safe distance. 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/mists. Avoid contact with skin and eyes. Ensure adequate ventilation. Use appropriate personal protective equipment.

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. Absorb with inert material (e.g., sand, earth, vermiculite) and place in a suitable, closed container for disposal. Clean contaminated area after material pickup.

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 breathing vapors/mists. Avoid contact with skin, eyes, and clothing. Use only with adequate ventilation. Keep container tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place. Keep away from heat/sparks/open flames/hot surfaces. Protect from moisture. Incompatible materials: Not available.

7.3 Specific end use(s)

Fine chemical. No further information available.

SECTION 8: Exposure controls / personal protection

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8.1 Control parameters

Occupational exposure limits: Not available.

Biological limit values: Not available.

8.2 Exposure controls

Engineering controls: Provide adequate ventilation. Use local exhaust where appropriate.

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 as appropriate.
- Respiratory protection: If ventilation is inadequate, use appropriate respiratory protection (type not available).
- Hygiene measures: Wash hands after handling. Remove contaminated clothing and wash before reuse.

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

Property	Value
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. No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, flames, ignition sources. Other conditions: Not available.

10.5 Incompatible materials

Not available.

10.6 Hazardous decomposition products

Hydrogen chloride; carbon oxides; chlorinated compounds. No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity: Ingestion of 3,3-D can lead to developed gastrointestinal distress, adult respiratory distress syndrome, hematological and hepatorenal functional impairment, acute gastrointestinal distress with pulmonary congestion and edema, central nervous depression, perhaps even in the absence of impaired oxygen uptake. Moreover, this can lead to death. Coma may occur rapidly after inhalation. Severe skin irritation with marked inflammatory response of epidermis can underlying tissues can follow dermal exposure. By any route, possible late injuries to liver, kidneys and heart (T48).

- Skin corrosion/irritation: Ingestion of 3,3-D can lead to developed gastrointestinal distress, adult respiratory distress syndrome, hematological and hepatorenal functional impairment, acute gastrointestinal distress with pulmonary congestion and edema, central nervous depression, perhaps even in the absence of impaired oxygen uptake. Moreover, this can lead to death. Coma may occur rapidly after inhalation. Severe skin irritation with marked inflammatory response of epidermis can underlying tissues can follow dermal exposure. By any route, possible late injuries to liver, kidneys and heart (T48).

- 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

- Ingestion of 3,3-D can lead to developed gastrointestinal distress, adult respiratory distress syndrome, hematological and hepatorenal functional impairment, acute gastrointestinal distress with pulmonary congestion and edema, central nervous depression, perhaps even in the absence of impaired oxygen uptake. Moreover, this can lead to death. Coma may occur rapidly after inhalation. Severe skin irritation with marked inflammatory response of epidermis can underlying tissues can follow dermal exposure. By any route, possible late injuries to liver, kidneys and heart (T48).

Symptoms related to the physical, chemical and toxicological characteristics

- The primary toxic effects of 3,3-dichloropropene are portal-of-entry effects resulting from the chemical reactivity of the compound and its physicochemical properties. Repeated irritation results in a hyperplastic response in the target tissues (L893).

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

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. Empty containers may retain residues.

SECTION 14: Transport information

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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 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-ZH-32844

CAS No.: 563-57-5

Supplier: Clearsynth Labs Ltd., Mumbai, India

Emergency phone: +91-22-245045900

Revision date: 2026-03-08

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