

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

Catalogue Number	CS-T-01718
Product Name	Allyltrimethylsilane
CAS No.	762-72-1
Category	Building Blocks
Synonyms	Silane, trimethyl-2-propenyl- (9CI); Trimethyl-2-propen-1-ylsilane (ACI); 3-(Trimethylsilyl)-1-propene
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)

Serious eye damage/eye irritation (Category 2)

2.2 Label Elements

Signal Word: Warning



Hazard Statement(s)

Code	Statement
H225	Not available
H315	Causes skin irritation.

H319	Causes serious eye irritation.
H335	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
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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+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.
P321	Specific treatment (see ... on this label).
P332+P317	If skin irritation occurs: Get medical help.
P337+P317	If eye irritation persists: 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 : Allyltrimethylsilane

CAS Number : 762-72-1

Molecular Formula : C₆H₁₄Si

Molecular Weight : 114.26

Parent Chemical : -

Synonyms : Silane, trimethyl-2-propenyl- (9CI); Trimethyl-2-propen-1-ylsilane (ACI); 3-(Trimethylsilyl)-1-propene

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. Seek medical attention if symptoms persist.
- Inhalation: Move person to fresh air. Keep at rest. If breathing is difficult, get 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. Get medical 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 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: Dry chemical, carbon dioxide (CO₂), alcohol-resistant foam.
- Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

- Specific hazards: Flammable liquid/vapors may form explosive mixtures with air. Vapors may travel to ignition source and flash back.
- Hazardous combustion products: Silicon oxides, carbon oxides. Other decomposition products: Not available.

5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Cool containers with water spray to prevent rupture from heat.
- Use water spray to reduce vapors; avoid directing water stream into burning liquid.
- Firefighting runoff may be hazardous; contain if possible.

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.
- Provide adequate ventilation. Avoid breathing vapors/mist.
- Wear appropriate PPE (see Section 8).

6.2 Environmental precautions

- Prevent entry into drains, surface water, or soil. Notify authorities if release enters the environment.

6.3 Methods and material for containment and cleaning up

- Contain spill with inert absorbent (e.g., sand, vermiculite, diatomaceous earth).
- Collect into suitable, labeled containers for disposal.
- Clean spill area with non-sparking tools. Dispose of contaminated materials in accordance with local regulations.

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 a well-ventilated area, preferably in a fume hood.
- Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
- Avoid contact with skin and eyes. Avoid breathing vapors.
- Use non-sparking tools and explosion-proof equipment where appropriate.
- Ground/bond containers during transfer to prevent static discharge.

7.2 Conditions for safe storage, including any incompatibilities

- Store tightly closed in a cool, dry, well-ventilated place.
- Keep away from ignition sources.
- Incompatible materials: Strong oxidizing agents. Other incompatibilities: Not available.

7.3 Specific end use(s)

- Building block / laboratory and industrial 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). Use explosion-proof ventilation where required.
- 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 to prevent skin contact.
- Respiratory protection: If ventilation is inadequate or exposure is possible, use an appropriate NIOSH/EN-approved respirator for organic vapors (selection per risk assessment).
- Hygiene measures: Wash hands after handling. Remove contaminated clothing and wash before reuse.
- Environmental exposure controls: Avoid release to the environment; use secondary containment where appropriate.

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

Property	Value
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

- Hazardous polymerization: Not available.

10.4 Conditions to avoid

- Heat, flames, sparks, static discharge, and other ignition sources.

10.5 Incompatible materials

- Strong oxidizing agents. Other incompatible materials: Not available.

10.6 Hazardous decomposition products

- Silicon oxides, 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

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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.
- Incineration or disposal via a licensed chemical waste contractor may be appropriate.
- Contaminated packaging: Dispose of as hazardous waste unless adequately cleaned.

Waste codes

- Not available.

SECTION 14: Transport information

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- 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: Keep away from ignition sources. Transport in tightly closed containers.
- 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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- Synonyms: Silane, trimethyl-2-propenyl- (9CI); Trimethyl-2-propen-1-ylsilane (ACI); 3-(Trimethylsilyl)-1-propene
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

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.

Revision information

- Revision date: Not available.
- SDS version: Not available.

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