

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

<b>Catalogue Number</b>	CS-O-11804
<b>Product Name</b>	Triethylfluorosilane
<b>CAS No.</b>	358-43-0
<b>Category</b>	Building Blocks
<b>Synonyms</b>	Triethylsilyl fluoride; FLUOROTRIETHYLSILANE; triethyl(fluoro)silane
<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:

Serious eye damage/eye irritation (Category 2)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

Code	Statement
H225	Not available
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+P265	Not available
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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.
P337+P317	If eye irritation persists: Get medical help.
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 regulations.

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : Triethylfluorosilane

CAS Number : 358-43-0

Molecular Formula : C<sub>6</sub>H<sub>15</sub>FSi

Molecular Weight : 134.26

Parent Chemical : Not available

Synonyms : Triethylsilyl fluoride; FLUOROTRIETHYLSILANE; triethyl(fluoro)silane

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 are severe.
- Inhalation: Move person to fresh air. Keep at rest. If breathing is difficult, seek medical attention.
- Skin contact: Wash with plenty of soap and water. Seek medical 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. Seek medical attention.
- Ingestion: Rinse mouth. Do NOT induce vomiting. 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: 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

- Hazardous combustion products: Not available.
- Vapors may form explosive mixtures with air: Not available.

##### 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.
- Ensure adequate ventilation.
- Avoid breathing vapors/mist and avoid contact with skin and eyes.
- 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 water, or soil.

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

- Contain spill with inert absorbent material (e.g., sand, vermiculite).
- Collect in suitable, closed containers for disposal.
- Clean contaminated area with appropriate cleaning methods.

### 6.4 Reference to other sections

- See Section 8 for personal protective equipment.
- See Section 13 for disposal considerations.

## SECTION-7: Handling and storage

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Use only with adequate ventilation.
- Avoid contact with skin, eyes, and clothing.
- Avoid breathing vapors/mist.
- Keep away from heat, sparks, open flames, and hot surfaces.
- Use non-sparking tools and take precautionary measures against static discharge.
- Wash hands thoroughly after handling.

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

- Store in tightly closed container in a cool, dry, well-ventilated place.
- Protect from moisture.
- Keep away from incompatible materials: Not available.

#### 7.3 Specific end use(s)

- Building block / laboratory chemical. No data 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 other engineering controls to maintain airborne levels below applicable exposure limits (if established). Provide eyewash station and safety shower.
- Personal protective equipment (PPE):
  - Eye/face protection: Safety glasses with side shields or chemical splash goggles.
  - Skin protection: Chemical-resistant gloves. Protective clothing as appropriate.
  - Respiratory protection: If ventilation is inadequate, use appropriate respiratory protection.
- Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. 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
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, flames, ignition sources, and moisture. Other conditions: Not available.

### 10.5 Incompatible materials

- Not available.

### 10.6 Hazardous 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

- Not available.

#### 12.2 Persistence and degradability

- Not available.

#### 12.3 Bioaccumulative potential

- Not available.

#### 12.4 Mobility in soil

- Not available.

#### 12.5 Results of PBT and vPvB assessment

- Not available.

### 12.6 Endocrine disrupting properties

- No data 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 or the environment.
- Incineration or disposal via a licensed waste disposal contractor may be appropriate.
- Contaminated packaging: Dispose of as unused product unless cleaned/decontaminated in accordance with applicable regulations.

## 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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- Synonyms: Triethylsilyl fluoride; FLUOROTRIETHYLSILANE; triethyl(fluoro)silane
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

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