

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

<b>Catalogue Number</b>	CS-O-63593
<b>Product Name</b>	(1E)-2-Phenylethanesulfonyl fluoride
<b>CAS No.</b>	1819971-27-1
<b>Category</b>	Fine Chemicals
<b>Synonyms</b>	(1E)-2-Phenylethanesulfonyl fluoride
<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:

Acute toxicity (Category 4)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

Code	Statement
H314	Not available
H302	Harmful if swallowed.
H335	Not available

#### Precautionary Statement(s)

Code	Statement
P260	Not available
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	Not available
P302+P361+P354	Not available
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P354+P338	Not available
P316	Not available
P321	Specific treatment (see ... on this label).
P363	Not available
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P270	Not available
P271	Use only outdoors or in a well-ventilated area.
P301+P317	Not available
P319	Get medical help if you feel unwell.
P330	Not available
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : (1E)-2-Phenylethanesulfonyl fluoride

CAS Number : 1819971-27-1

Molecular Formula : C<sub>8</sub>H<sub>7</sub>FO<sub>2</sub>S

Molecular Weight : 186.20

Parent Chemical : .

Synonyms : (1E)-2-Phenylethanesulfonyl fluoride

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 Safety Data Sheet to the physician in attendance.

#### Inhalation:

- Move person to fresh air.
- If breathing is difficult, seek medical attention.

#### Skin contact:

- Remove contaminated clothing and shoes.
- Wash skin with plenty of water and soap.
- Seek medical attention if irritation develops.

#### Eye contact:

- Rinse cautiously with water for several minutes.
- Remove contact lenses if present and easy to do; continue rinsing.
- Seek immediate medical attention.

#### Ingestion:

- Rinse mouth with water.
- 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.
- Not available.

## SECTION 5: Firefighting measures

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media:

- Use extinguishing measures appropriate to surrounding fire.
- Not available.

##### Unsuitable extinguishing media:

- Not available.

#### 5.2 Special hazards arising from the substance or mixture

- Thermal decomposition may produce irritating and/or toxic fumes.
- Not available.

#### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Cool containers with water spray if exposed to fire.
- 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

- Evacuate unnecessary personnel.
- Avoid breathing dust/vapors/mist.
- Use appropriate personal protective equipment (see Section 8).
- Ensure adequate ventilation.

##### 6.2 Environmental precautions

- Avoid release to the environment.
- Prevent entry into drains, sewers, and waterways.

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

- Contain spill.
- Collect spilled material using inert absorbent (e.g., sand, vermiculite) and place in suitable, labeled container.
- Clean contaminated area with appropriate cleaning method.
- Dispose of waste in accordance with local regulations.

##### 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

- Avoid contact with skin and eyes.
- Avoid breathing dust/vapors/mist.
- Use only with adequate ventilation.
- Keep container tightly closed when not in use.
- Wash hands thoroughly after handling.

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

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

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

- Fine chemical / laboratory use.
- 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 minimize exposure.

Personal protective equipment (PPE):

Eye/face protection:

- Safety glasses with side shields or chemical splash goggles.

Skin protection:

- Wear protective gloves.
- Wear protective clothing appropriate to the risk of exposure.

Respiratory protection:

- If ventilation is inadequate, use appropriate respiratory protection.
- Not available.

Hygiene measures:

- Do not eat, drink, or smoke when using this product.
- 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

- Not available.

##### 10.2 Chemical stability

- Stable under recommended storage conditions.

##### 10.3 Possibility of hazardous reactions

- Not available.

##### 10.4 Conditions to avoid

- Heat, open flames, and sources of ignition: Not available.

- Moisture: avoid exposure to moisture.

- Other: 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

- 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

- Not available.

## SECTION 13: Disposal considerations

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product:

- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Incineration or disposal via licensed chemical waste contractor may be appropriate.

Contaminated packaging:

- Dispose of as unused product unless cleaned.

Waste code:

- Not available.

### 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

#### SECTION 15: Regulatory information

##### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Not available.

### SECTION 16: Other information

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##### Product identification:

- Product name: (1E)-2-Phenylethanesulfonyl fluoride
- Catalog no.: CS-O-63593
- CAS no.: 1819971-27-1
- Molecular weight: 186.20
- Synonyms: (1E)-2-Phenylethanesulfonyl fluoride
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

##### Disclaimer:

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

Revision date:

- Not available.

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