

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

<b>Catalogue Number</b>	CS-O-49469
<b>Product Name</b>	2-Chloro-1-propene
<b>CAS No.</b>	557-98-2
<b>Category</b>	Fine Chemicals
<b>Synonyms</b>	$\beta$ -Chloropropene
<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.

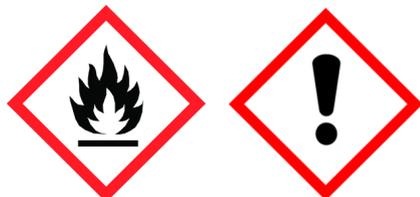
#### 2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Skin irritation (Category 2)

Serious eye damage/eye irritation (Category 2)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

Code	Statement
H224	Not available
H301	Not available
H311	Not available

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	Not available
H336	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.
P262	Not available
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P270	Not available
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P316	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+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present.
P316	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.

P337+P317	If eye irritation persists: Get medical help.
P361+P364	Not available
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 : 2-Chloro-1-propene

CAS Number : 557-98-2

Molecular Formula : C<sub>3</sub>H<sub>5</sub>Cl

Molecular Weight : 76.52

Parent Chemical : -

Synonyms : β-Chloropropene

Concentration : Not available

### SECTION 4: First aid measures

Not available

### SECTION 5: Firefighting measures

Not available

### SECTION 6: Accidental release measures

Not available

### SECTION-7: Handling and storage

Not available

### SECTION 8: Exposure controls / personal protection

Not available

## 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

Not available

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

- Acute toxicity: LC50 (mice) = 267,000 mg/m<sup>3</sup> SYMPTOMATOLOGY: 3. ORAL: ACUTE GI DISTRESS WITH PULMONARY CONGESTION & EDEMA. CNS DEPRESSION, PERHAPS EVEN IN ABSENCE OF IMPAIRED OXYGEN UPTAKE. 4. BY ANY ROUTE, POSSIBLE INJURIES TO LIVER, KIDNEYS & HEART.

/DICHLOROPROPENES/

- Skin corrosion/irritation: SYMPTOMATOLOGY: 1. A. INHALATION, HIGH VAPOR CONC: GASPING, REFUSAL TO BREATHE, COUGHING, SUBSTERNAL PAIN, & EXTREME RESP DISTRESS @ ... CONC OVER 1500 PPM. IRRITATION OF EYES & UPPER RESP MUCOSA APPEARS PROMPTLY AFTER EXPOSURE TO CONCENTRATED VAPORS. LACRIMATION AND HEADACHE ARE PROMINENT. COMA MAY OCCUR RAPIDLY. B. INHALATION, LOW VAPOR CONC: CENTRAL NERVOUS DEPRESSION & MODERATE IRRITATION OF RESP SYSTEM. 2. DERMAL: SEVERE SKIN IRRITATION WITH MARKED INFLAMMATORY RESPONSE OF EPIDERMIS & UNDERLYING TISSUES. /DICHLOROPROPENES/

- Serious eye damage/eye irritation: No data available.

- Respiratory or skin sensitization: No data available.

- Germ cell mutagenicity: IN A SERIES OF ALLYLIC CHLORO-OLEFINS & THEIR NON-ALLYLIC ISOMERS THE SIGNIFICANCE OF THE ALLYLIC STRUCTURE & THE INFLUENCE OF METHYL & CHLORINE SUBSTITUENTS ON THE DIRECT MUTAGENIC ACTIVITY IN SALMONELLA TYPHIMURIUM (TA 100) WAS TESTED. 2-CHLORO-1-PROPENE DID NOT SHOW ANY DIRECT MUTAGENIC & ALKYLATING PROPERTIES WHEN TESTED ON SALMONELLA TYPHIMURIUM (TA 100).

- 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

- SYMPTOMATOLOGY: 1. A. INHALATION, HIGH VAPOR CONC: GASPING, REFUSAL TO BREATHE, COUGHING, SUBSTERNAL PAIN, & EXTREME RESP DISTRESS @ ... CONC OVER 1500 PPM. IRRITATION OF EYES & UPPER RESP MUCOSA APPEARS PROMPTLY AFTER EXPOSURE TO CONCENTRATED VAPORS. LACRIMATION AND HEADACHE ARE PROMINENT. COMA MAY OCCUR RAPIDLY. B. INHALATION, LOW VAPOR CONC: CENTRAL NERVOUS DEPRESSION & MODERATE IRRITATION OF RESP SYSTEM. 2. DERMAL: SEVERE SKIN IRRITATION WITH MARKED INFLAMMATORY RESPONSE OF EPIDERMIS & UNDERLYING TISSUES. /DICHLOROPROPENES/

#### Symptoms related to the physical, chemical and toxicological characteristics

- SYMPTOMATOLOGY: 1. A. INHALATION, HIGH VAPOR CONC: GASPING, REFUSAL TO BREATHE, COUGHING, SUBSTERNAL PAIN, & EXTREME RESP DISTRESS @ ... CONC OVER 1500 PPM. IRRITATION OF EYES & UPPER RESP MUCOSA APPEARS PROMPTLY AFTER EXPOSURE TO CONCENTRATED VAPORS. LACRIMATION AND HEADACHE ARE PROMINENT. COMA MAY OCCUR RAPIDLY. B. INHALATION, LOW VAPOR CONC: CENTRAL NERVOUS DEPRESSION & MODERATE IRRITATION OF RESP SYSTEM. 2. DERMAL: SEVERE SKIN IRRITATION WITH MARKED INFLAMMATORY RESPONSE OF EPIDERMIS & UNDERLYING TISSUES. /DICHLOROPROPENES/

### SECTION 12: Ecological information

Not available

### SECTION 13: Disposal considerations

Not available

### SECTION 14: Transport information

Not available

### SECTION 15: Regulatory information

Not available

### SECTION 16: Other information

Not available

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