

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

Catalogue Number	CS-O-56391
Product Name	(1R,3R)-3-[(1E)-3-Methoxy-2-methyl-3-oxo-1-propen-1-yl]-2,2-dimethylcyclopropanecarboxylic acid
CAS No.	26767-71-5
Category	Fine Chemicals
Synonyms	d-trans-Pyrethric acid Pyrethoic acid, trans-(+)- trans-(+)-Pyrethoic acid
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:

Not available

2.2 Label Elements

Signal Word: Not available

Not available

Hazard Statement(s)

Code	Statement
Not available	Not available

Precautionary Statement(s)

Code	Statement
Not available	Not available

SECTION 3: Composition / information on ingredients

3.1 Substance

Component : (1R,3R)-3-[(1E)-3-Methoxy-2-methyl-3-oxo-1-propen-1-yl]-2,2-dimethylcyclopropanecarboxylic acid

CAS Number : 26767-71-5

Molecular Formula : C₁₁H₁₆O₄

Molecular Weight : 212.24

Parent Chemical : .

Synonyms : d-trans-Pyrethric acid

Pyrethoic acid, trans-(+)-

trans-(+)-Pyrethoic acid

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 develop.

Inhalation:

- Move person to fresh air. Keep at rest in a position comfortable for breathing.

- If breathing is difficult or symptoms occur, obtain medical attention.

Skin contact:

- Wash with plenty of soap and water.

- Get 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.

- Obtain medical attention if irritation persists.

Ingestion:

- Rinse mouth with water.

- Do NOT induce vomiting unless directed by medical personnel.

- 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.

- Not available.

SECTION 5: Firefighting measures

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media:

- Water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO₂).

Unsuitable extinguishing media:

- Not available.

5.2 Special hazards arising from the substance or mixture

- Combustion may produce carbon oxides.
- Additional hazardous decomposition products: Not available.

5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Use water spray to cool unopened containers.
- Avoid inhalation of combustion products.

SECTION 6: Accidental release measures

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid breathing dust/vapors.
- Avoid contact with skin and eyes.
- Use appropriate personal protective equipment (see Section 8).
- Ensure adequate ventilation.

6.2 Environmental precautions

- Prevent further leakage or spillage if safe to do so.
- Avoid release to the environment. Prevent entry into drains, surface waters, or soil.

6.3 Methods and material for containment and cleaning up

- Contain spill.
- Collect spilled material using non-sparking tools and place in a suitable, labeled container for disposal.
- Clean contaminated area with water and detergent as appropriate.

6.4 Reference to other sections

- For disposal considerations see Section 13.
- For personal protection see Section 8.

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 formation of dust/aerosols.
- Avoid contact with skin, eyes, and clothing.
- Use only with adequate ventilation.
- Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a tightly closed container.
- Store in a cool, dry, well-ventilated place.

- 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:

- Provide adequate ventilation. Use local exhaust where dust/vapor may be generated.

Personal protective equipment (PPE):

Eye/face protection:

- Safety glasses with side shields or chemical splash goggles.

Skin protection:

- Wear protective gloves. Specific glove material and breakthrough time: Not available.
- Wear protective clothing as appropriate.

Respiratory protection:

- If ventilation is inadequate or exposure is likely, use an appropriate NIOSH/EN-approved respirator. Specific type: Not available.

Hygiene measures:

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

Test	Result
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

- 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, flames, ignition sources.
- Moisture (if applicable).
- Other: Not available.

10.5 Incompatible materials

- Not available.

10.6 Hazardous decomposition products

- 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

- 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

- 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.
- Do not discharge to drains.

Contaminated packaging:

- Dispose of as unused product in accordance with applicable regulations.

Waste codes:

- Not available.

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

- Not available.

SECTION 16: Other information

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- Emergency phone: +91-22-245045900

Revision information:

- Not available.

Disclaimer:

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