



SHREEJI PESTICIDES PVT. LTD  
(A SUBSIDIARY OF WILLOWOOD CHEMICALS PVT. LTD)

## Material safety data sheet Propargite 57% EC

### 1. Product and Company Identification

**Product Name** : Propargite 57% EC  
**Chemical Name** : (1RS,2RS;1RS,2SR)-2-(4-tert-butylphenoxy)cyclohexyl prop-2-ynyl sulfite  
**Type** : Acaricide  
**Molecular formula** : C<sub>19</sub>H<sub>26</sub>O<sub>4</sub>S  
**Supplier** : Shreeji Pesticides Pvt. Ltd.  
**Address** : 69/p, Village – Manjusar – 391775  
Tal. Savli, Dist. Vadodara (Gujarat) India  
**Telephone** : +91 2667 264701  
**Website** : www.shreejipesticides.com  
**Email** : info@shreejipesticides.com  
**Emergency telephone no.** : +91 2667 264701

### 2. Composition / Information on ingredients

Chemical Name	CAS#	Percent or content (w/w)
Propargite a.i.	2312-35-8	57.00 %
Other ingredients	-	43.00 %

### 3. Health Hazards Identification

Combustible liquid.

This substance is an eye irritant, and is corrosive to eyes.

### 4. First Aid Measures

**Eye contact** : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
If symptoms persist, call a physician.

**Skin contact** : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
Obtain medical attention.



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**Ingestion** Do NOT induce vomiting.  
Rinse mouth with water.  
Drink 1 or 2 glasses of water.  
Get medical attention immediately.

**Inhalation** Remove to fresh air.  
Get medical attention immediately.

**Note to Physician** Corrosive and irritating liquid. Treat symptomatically and supportively.

### 5. Fire Fighting Measures

**Flash point** >71.4°C

**Thermal decomposition products** Combustible liquid that will on burning emit noxious vapours and oxides of carbon and sulphur.

**Suitable extinguishing media** Foam, Carbon dioxide, Dry chemical or Water spray (fog).

**Special fire fighting procedures** Use self contained breathing apparatus.

### 6. Accidental Release Measures

Use appropriate protective equipment. Clear area of unnecessary personal. Extinguish any sources of ignition. Spills may be slippery and should be cleaned up immediately.

Large spill: Dike and pump as much as possible to a salvage container. Absorb the remaining liquid and any small spills with clay granules, sand or other absorbent material and sweep to a waste container. Cover the spill area with water and absorb. Minimize runoff into waterways or drains.

### 7. Handling and Storage



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**Handling Information** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment. Use only in well-ventilated areas. Remove all sources of ignition. Open drum carefully as content may be under pressure.

**Storage information** Keep away from fire, sparks and heated surfaces.  
Keep away from flames and sparks.  
Keep in a dry, cool and well-ventilated place.  
Keep container tightly closed.  
Keep container tightly closed.

#### 8. Exposure Controls/Personal Protection

**Engineering measures** Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye protection** Contact with eyes may cause irreversible damage. Wear a face shield or full chemical workers goggles when there is a risk of a splash.

**Skin protection** When handling wear waterproof gloves, overalls and boots.

**Ingestion** Do not eat, drink or smoke while working with this product. Remove clothing that becomes soaked or contaminated and wash before reuse. Wash hands before breaks and after work. The use of a skin barrier cream is useful to give additional skin protection.

**Breathing protection** For short term exposure to mists and aerosols use a mask and filter eg. Filter A-P2 or a filter canister for organic vapours.

#### 9. Physical and Chemical Properties

<b>Appearance</b>	Brown liquid
<b>Odour</b>	Solvent like odour
<b>Density</b>	1.015-1.030 g/cm <sup>3</sup>
<b>Water solubility</b>	Miscible in water

#### 10. Stability and Reactivity



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<b>Stability</b>	Stable at normal temperature and pressure.
<b>Conditions to avoid</b>	Reacts with strong acids and alkalis. Stable under normal storage conditions.
<b>Materials to avoid</b>	High temperatures, direct sunlight, acids and alkalis.
<b>Hazardous reactions</b>	No dangerous reaction known under conditions of normal use.

### 11. Toxicological Information

<b>Acute Oral Toxicity</b>	LD <sub>50</sub> (Rats) 2843 mg/kg
<b>Acute Dermal Toxicity</b>	LD <sub>50</sub> (Rabbits) >4000 mg/kg
<b>Acute Inhalation</b>	LC <sub>50</sub> (rats): >0.05 mg/L
<b>Eye Irritation</b>	Rabbit: Severe eye irritant
<b>Skin Irritant</b>	Rabbit: Severe skin irritant
<b>Skin sensitization</b>	Guinea pig: Non-sensitizer

### 12. Ecological Information

<b>Birds</b>	Acute oral LC <sub>50</sub> for mallard ducks >4640 mg/kg Dietary LC <sub>50</sub> (8 d) mallard ducks >4640 mg/kg diet bobwhite quail 3401 mg/kg diet
<b>Fish</b>	LC <sub>50</sub> (96 h) for bluegill sunfish 0.081 mg/l, Rainbow trout 0.043 mg/l

<b>Bees</b>	LD <sub>50</sub> (48 h) (oral): >100 µg/bee LD <sub>50</sub> (48 h) (contact): >47.92 µg/bee
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### 13. Disposal Considerations

This product is a hazardous material. Use in accordance with the label directions. Triple rinse containers before disposal. Add rinsings to the spray tank. Dispose of unused undiluted chemical as an industrial waste in a manner acceptable to good waste management practice and in compliance to all regulations.



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### 14. Transport Information

#### Rail/Road (RID/ADR)

Proper Shipper Name : XYLENES SOLUTION  
Class : 3.0  
UN No. : 1307  
Packing Group : III

#### Sea (IMDG – Code)

Proper Shipper Name : XYLENES SOLUTION  
Class : 3.0  
UN No. : 1307  
Packing Group : III  
Marine pollutant : Yes

#### Air (ICAO/IATA)

Proper Shipper Name : XYLENES SOLUTION  
Class : 3.0  
UN No. : 1307  
Packing Group : III

#### Packing Instructions:

Packing instructions on sea: P001/LP01  
Packing instructions on air: Y309/310

### 15. Regulatory Information

EU- Classification	T	Toxic
Hazard Symbol	N	Dangerous for the environment
Risk Phrases (R-Phrases)	R10	Flammable
	R22	Harmful if swallowed
	R23	Toxic by inhalation
	R36/38	Irritating to eyes and skin
	R40	Limited evidence of a carcinogenic effect



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	R50/53	Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment
	R65	Harmful: may cause lung damage if swallowed.
Safety Advice (S- Phrases)	S1/2	Keep locked up and out of reach children.
	S23	Do not breathe gas/fumes/vapour/spray.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S 36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	S43	In case of fire, use sand, dry chemical or alcohol-resistant foam.
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
	S51	Use only in well-ventilated areas.
	S57	Use appropriate container to avoid environmental contamination.
	S61	Avoid release to the environment. Refer to special instructions/safety data sheet
International WHO Toxicity Classification	III	Slightly hazardous

### 16. Other Information

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.*

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