

XYLO[®] 5% EC

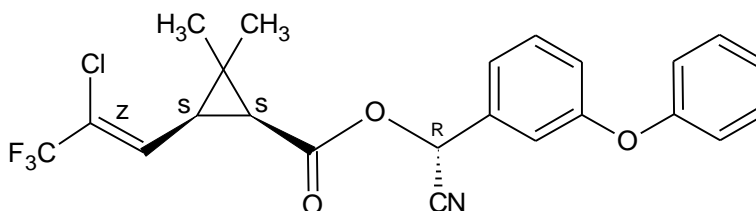
Technical Data Sheet | Crop Protection Business



Synonyms

Lambda-cyhalothrin 5% EC;
(1S,3S)-3-[(1Z)-2-Chloro-3,3,3-trifluoro-1-propenyl]-2,2-dimethyl-cyclopropane carboxylic acid (1R)-cyano(3-phenoxyphenyl)methyl ester;
(R)-Cyano(3-phenoxyphenyl)methyl (1S,3S)-*rel*-3-[(1Z)-2-chloro-3,3,3-trifluoro-1-propen-1-yl]-2,2-dimethyl-cyclopropanecarboxylate

Chemical structure and identity



| | |
|-------------------|--|
| Molecular formula | C ₂₃ H ₁₉ ClF ₃ NO ₃ |
| Molecular weight | 449.90 |
| CAS number | 91465-08-6 |
| PRD number | AG451400 |
| EINECS number | 415-130-7 |

Specifications

| | |
|---|-----------------------------------|
| Appearance | Pale-yellow coloured clear liquid |
| Lambda-cyhalothrin content | 5% minimum |
| Acidity as H ₂ SO ₄ | 0.5% maximum |
| Alkalinity as NaOH | 0.5% maximum |
| Emulsion test | Comply |
| Cold test | Comply |

Physical properties

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|----------------------|-------------------|
| Solubility in water | Forms emulsion |
| Density | 0.89 to 0.90 g/ml |
| pH (10 g/L solution) | 6 to 7 |
| Flash point | More than 24.5°C |

Description

XYLO 5% EC is a pale-yellow coloured clear liquid free from extraneous matter.

Applications

XYLO 5% EC is a pyrethroid insecticide that acts by contact and stomach action. The product controls sucking and lepidopteron pests in various crops.

Packaging

XYLO 5% EC is available in 100 ml to 5 L pet bottles. Other packaging may be considered on request.

Storage and handling

Keep containers tightly closed and store in a cool, dry and well-ventilated area. Protect the containers against physical damage. Avoid contact with eyes, skin or clothing. Keep out of reach of children. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

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|----------------------------|---|
| Safety | Wear protective gloves, a dust mask and goggles. Keep material away from foodstuffs, beverages and feed. Wash hands thoroughly after handling this product. Do not inhale its vapour or mist. Always refer to the SDS for detailed information on safety. |
| First aid | <p>Eye contact: Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.</p> <p>Skin contact: Wash the affected area thoroughly with soap and water. Immediately remove clothing contaminated by the product. Consult a physician.</p> <p>Ingestion: Avoid ingestion. Never give anything by mouth to an unconscious person. Rinse mouth with water and consult a physician immediately.</p> <p>Inhalation: Avoid inhalation. Shift the affected person to fresh air. In case of irregular breathing or respiratory arrest, provide artificial respiration. Consult a physician immediately on suspicion of intoxication.</p> |
| Spills and disposal | In case of spillage and or leakage, absorb the spilled material carefully with suitable liquid-binding material (such as sand, diatomite, acid binders, universal binders or sawdust). Prevent generation of vapour or mist. Do not allow the spilled material to enter sewers, surface or groundwater. Dispose of the contents container(s) in accordance with local, regional, national or international regulations guidelines as applicable. |
| Contact | E-mail: crop_care@atul.co.in Website: www.atul.co.in |
| Note | XYLO [®] 5% EC is a registered trade mark for Lambda-cyhalothrin 5% EC which belongs to Atul Ltd. |

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