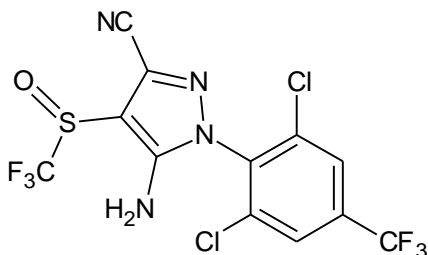


## Synonyms

Fipronil 5% SC;  
 5-Amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1*H*-pyrazole-3-carbonitrile;  
 5-Amino-3-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-trifluoromethylsulfinylpyrazole;  
 (±)-5-Amino-1-(2,6-dichloro- $\alpha,\alpha$ -trifluoro-*p*-tolyl)-4-trifluoromethylsulfinylpyrazole-3-carbonitrile

## Chemical structure and identity



Molecular formula	C <sub>12</sub> H <sub>4</sub> Cl <sub>2</sub> F <sub>6</sub> N <sub>4</sub> OS
Molecular weight	437.20
CAS number	120068-37-3
PRD number	FIPR1002

## Specifications

Appearance	White to off-white coloured suspension
Fipronil content	5% minimum
Suspensibility	90% minimum
Cold test at 0°C	No solidification and separation
pH (1% solution)	5 to 7
Persistent foam	50 ml maximum after 1 minute

## Physical properties

Water solubility	Forms suspension
Density	1.02 to 1.05 g/ml at 27°C

## Description

MONIL SC is a white to off-white coloured suspension free from extraneous matter.

## Applications

MONIL SC is a broad spectrum systemic insecticide of the phenylpyrazole group which acts by contact and ingestion. The product controls lepidopteron and sucking pests in various crops. It is used for foliar application.

## Packaging

MONIL SC is available in 100 ml to 5 L triangular HDPE bottles. It is also available in 200 L HDPE drums. Other packaging may be considered on request.

## Storage and handling

Keep containers tightly closed and store in a cool, dry and well-ventilated area. Do not store along with oxidising and acidic materials. Control vapour or mist formation. Avoid exposure to 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.

<b>Safety</b>	<p>Wear a self-contained breathing apparatus, if necessary. Wear protective gloves, a dust mask and safety goggles. Keep material away from foodstuffs, beverages and feed. Wash hands thoroughly after handling this product. Always refer to the SDS for detailed information on safety.</p>
<b>First aid</b>	<p><b>Eye contact:</b> Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.</p> <p><b>Skin contact:</b> Wash the affected area thoroughly with soap and water. Remove clothing contaminated by the product. Consult a physician immediately.</p> <p><b>Ingestion:</b> Avoid ingestion as the product is harmful. Induce vomiting by tickling back of the throat. Repeat it until the vomitus is clear. Do not induce vomiting if the patient is unconscious. Consult a physician immediately.</p> <p><b>Inhalation:</b> Avoid inhalation as the product is harmful. 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>
<b>Spills and disposal</b>	<p>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.</p>
<b>Contact</b>	<p>E-mail: <a href="mailto:crop_care@atul.co.in">crop_care@atul.co.in</a> Website: <a href="http://www.atul.co.in">www.atul.co.in</a></p>
<b>Note</b>	<p>MONIL<sup>®</sup> SC is a registered trade mark for Fipronil 5% SC which belongs to Atul Ltd.</p>