



Specialized in chemicals

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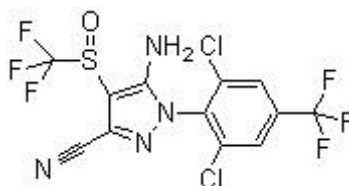
Site: www.tnjchem.com

## Technical Data Sheet

### Fipronil

#### Product Information

Chemical Name	Fipronil
CAS #	120068-37-3
Formula	C <sub>12</sub> H <sub>4</sub> Cl <sub>2</sub> F <sub>6</sub> N <sub>4</sub> O <sub>S</sub>
Molecular Weight	437.14
Chemical Structure	



#### Description

Form White solid. M.p.200°C-201°C

#### Physical Properties

Melting point	200-201°C
Boiling point	510.1°C at 760 mmHg
Density	1.87g/cm <sup>3</sup>

#### Specification

Items	Specification
Appearance	Shallow yellow or white powder
Assay,%	≥95.0
Acetone insoluble substance,%	≤0.5
pH Value	5.0~7.0
Loss on drying,%	≤0.5

#### Safety

Always refer to the Material Safety Data Sheet (MSDS)

### Applications

Control of multiple species of thrips on a broad range of crops by foliar, soil or seed treatment.  
Control of corn rootworm, wireworms and termites by soil treatment in maize.  
Control of boll weevil and plant bugs on cotton, diamond-back moth on crucifers,  
Colorado potato beetle on potatoes by foliar application.  
Control of stem borers, leaf miners, planthoppers, leaf folder/rollers and weevils in rice.  
Foliar application rates range from 10-80 g/ha; soil treatment rates 100-200 g/ha.agrochemicals.

### Packaging

25kg per fiber drum  
9mt per 20ft container

### Storage & Handling

Do not store in direct sunlight. Store in a tightly closed container.  
Store in a cool, dry, well-ventilated area away from incompatible substances.  
Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.  
Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.  
Avoid ingestion and inhalation.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability 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 has been advised of the possibility of such damages.*

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