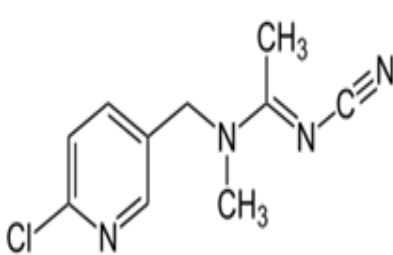
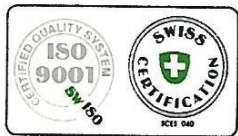


ACETAMIPRID TECHNICAL

Description of Technical

Acetamiprid is an insecticide that is currently approved for EU use. It is highly soluble in water and is non-volatile. A pyridylmethylanine insecticide used for the control of Hemiptera especially aphids.

Common Name	: Acetamiprid
IUPAC Name	: (<i>E</i>)- <i>N</i> 1-[(6-chloro-3-pyridyl)methyl]- <i>N</i> 2-cyano- <i>N</i> 1-methylacetamidin
C.A. Name	: (1 <i>E</i>)- <i>N</i> [(6-chloro-3-pyridinyl)methyl]- <i>N</i> -cyano- <i>N</i> -methylethanimidamide
Chemical Family	: Neonicotinoid
Structural Formula	: 
Empirical formula	: C ₁₀ H ₁₁ ClN ₄
Molecular Weight	: 222.67
C.A.S. No.	: 135410-20-7
Physical State	: Colourless crystals
Melting Point	: 98.9°C
Density	: 1.17 g/cm ³
Odour	: No odor
Vapour Pressure	: 1.73 X 10 ⁻⁰⁴ at 25°C
Flash Point	: Not expected to self-ignite
Explosion Hazard	: Non - explosive



Solubility in water	: High
Stability	: Stable at buffered solutions at pH 4, 5 and 7. Degrade slowly at pH 9 and 45°C. Stable under sunlight.

ACETAMIPRID TECHNICAL

Sales description

Acetamiprid content by mass	: 99% Min.
Moisture content	: 0.1% Max.
Packing	: Heat sealed HDPE sacks of thickness 0.062mm. Individual packs should be inserted in MS drums.
Transportation information	: UN No. 2811 Class 6.1 TOXIC SOLID, ORGANIC, N.O.S. (Acetamiprid) No Marine Pollutant Packing Group II

TOXICOLOGICAL PROFILE

LD50 acute oral	: Rat	217/kg
LD50 acute Percutaneous	: Rabbit	>2000mg/kg
LC50 inhalation (4hr)	: Mice	>0.29 mg/l
Skin irritation	: Rabbit	non-irritating
Eye irritation	: Rabbit	non-irritating