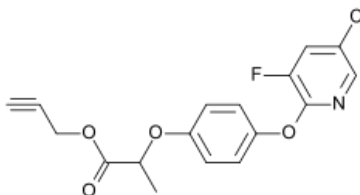


CLODINAFOP-PROPARGYL TECHICAL

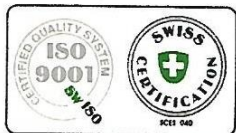
Description of Technical

A herbicide for annual grass weed control in a range of crops including wheat, triticale and rye.

Common Name	:	Clodinafop-Propargyl
IUPAC Name	:	prop-2-ynyl (<i>R</i>)-2-[4-(5-chloro-3-fluoro-2-pyridyloxy)phenoxy]propionate
C.A. Name	:	2-propynyl (2 <i>R</i>)-2-[4-[(5-chloro-3-fluoro-2-pyridinyl)oxy]phenoxy]propanoate
Chemical Family	:	Aryloxyphenoxypropionate
Structural Formula	:	



Empirical formula	:	C ₁₇ H ₁₃ ClFNO ₄
Molecular Weight	:	349.8 g/mol
C.A.S. No.	:	105512-06-9
Physical State	:	Colourless to light beige colored crystals
Melting Point	:	39.5 °C
Density	:	1.35 g/ml
Odor	:	Aromatic
Vapour Pressure	:	3.19 X 10 ⁻⁰³ mPa
Flash Point	:	Not expected to self-ignite
Explosion Hazard	:	Not explosive
Solubility in water	:	4 mg/l at 20 °C; Low



Stability : Relatively stable in acidic media at 50 °C, hydrolysis
in alkaline media

CLODINAFOF-PROPARGYL

Sales Specifications

A.I. content by mass : 94% Min.
Moisture content : 0.4% Max.
Packing : HDPE liner sacks of capacity upto 100 kg, further
packed into MS drums
**Transportation
information** : UN No. 3082
Class 9
Environmentally hazardous
Substance, liquid, N.O.S.
Packing Group III

Toxicological profile

LD50 acute oral : Rat: 1392 mg/kg
LD50 acute : Rat >2000 mg/kg
Percutaneous
LC50 inhalation (4hr) : Rat 2.325 mg/l
Skin irritation : Rabbit Non- Irritant
Eye irritation : Rabbit Non- irritant
Skin Sensitization : Rabbit non-sensitizer