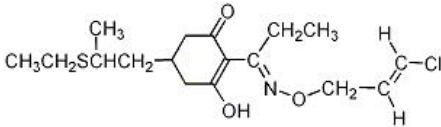


TECHNICAL DATA SHEET OF

CLETHODIM 240G/L EC

Chemistry identity	
Common name	Clethodim 240 g/L EC
IUPAC name	(5RS)-2-[(E)-1-[(2E)-3-chloroallyloxyimino]propyl]-5-[(2RS)-2-(ethylthio)propyl]-3-hydroxycyclohex-2-en-1-one
CAS No	99129-21-2
Formula structure	
Physical and chemical properties	
Appearance	Amber to red liquid
Content	240g/L (g/L)
Water	0.4% max (w/w)
pH	4.0~7.0
Density	NA
Solubility in water	Emulsion in water
Mammalian toxicity	
Acute oral	LD ₅₀ > 2000 mg/kg
Acute dermal	LD ₅₀ for rats > 5000 mg/kg.
Acute inhalation	LC ₅₀ (4 h) for rats > 5 mg/L
Environment fate	<p>Soil: Clethodim is of low persistence in most soils with a reported half-life of approximately 3 days. Breakdown is mainly by aerobic processes, although photolysis may make some contribution.</p> <p>Water: Clethodim may be highly persistent in the aquatic environment. Reported half-lives for Clethodim in the aquatic environment are 128 days in the aqueous phase and 214 days in the sediment. The reported hydrolysis half-life at pH 7-9 is approximately 300 days.</p> <p>Vegetation: Clethodim is rapidly degraded on leaf surfaces by an acid-catalysed reaction and photolysis. Remaining Clethodim will rapidly penetrate the cuticle and enter the plant.</p>
Handling and storage	<p>Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed.</p> <p>Storage: Note that this product is combustible and pay attention to it when storage. Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Some liquid preparations settle or separate on standing and may require stirring before use.</p>
Package	1L bottle or customized package