

## SPECIFICATION OF HEXACONAZOLE TECHNICAL

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Common name	Hexaconazole
Chemical name	(RS)-2-(2,4-dichlorophenyl)-1-(1 H-1,2,4 -triazol-1-yl)hexan-2-ol
CAS Number	79983-71-4
Molecular Formula	C <sub>14</sub> H <sub>17</sub> Cl <sub>2</sub> ON <sub>3</sub>
Molecular Weight	314.2
Pesticide Class	Azole fungicide
Appearance	Off white to pale yellow amorphous powder
Hexaconazole Content w/w	92% min.
Acidity as H <sub>2</sub> SO <sub>4</sub>	1.0% max.
Moisture Content	0.5% max.
Melting Point	109 -112 °C
Material Insoluble in Acetone	0.5% max
Solubility	In water 0.017 g/l (20 °C). In dichloromethane 336, methanol 246, acetone 164, ethyl acetate 120, toluene 59, hexane 0.8 (all in g/l, 20 °C)
Toxicity	Acute Oral rat LD <sub>50</sub> - > 2189 mg/kg Acute Dermal rat LD <sub>50</sub> - > 2000 mg/kg
Packing	25 kgs & 50 Drums
Shelf Life	2 years

For DEVIDAYAL (SALES) LIMITED,