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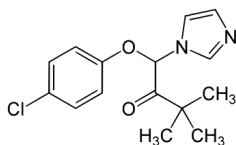
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Technical Data Sheet

Climbazole

Product Information

Chemical Name	Climbazole
CAS #	38083-17-9
EINECS NO.:	253-775-4
Formula	C ₁₅ H ₁₇ ClN ₂ O ₂
Molecular Weight	292.76
Synonyms	1-(p-chlorophenoxy)-3; 3-dimethyl-1-(1-imidazolyl)-2-Butanone;
Chemical Structure	



Description

Climbazole is a topical antifungal agent commonly used in the treatment of human fungal skin infections such as dandruff and eczema , Its chemical structure and properties are similar to other fungicides such as ketoconazole and miconazole.

Physical Properties

Apperance: Crystalline powder

Melting point: 98-99 °C

Specification

Item	Specification	Results
Content assay	99.50%min	99.65
Loss on drying	0.5% max	0.23
Parachorophenol,%	≤0.1	<0.1
Soluble,%	≤1.5	0.32
Monomers, %	≤0.1	<0.1
PH(1%aqueous solution)	5-8	6.04
Arsenic ,ppm	≤3	<3
Heavy metal(pb) ppm	≤10	<10
Nitrogen, %	11.0-12.8	11.85
Sulfate ash, %	≤0.4	0.056

Applications

Climbazole is a conazole fungicide.

Mainly used for relieving itching recuperated anti-dandruff shampoo, hair shampoo, can also be used for antibacterial soap, shower gel, liquid medicine toothpaste, mouthwash, etc.

Packaging

25kg per fiber drum

9MT per 20ft container with pallets,12 MT without pallets.

Storage & Handling

Stored in cool and airy place; away from fire and heat; handle with care;no breakage, avoid leakage.

It is valid for 2 years under proper condition.

Climbazole is classified as Dangerous Good for transport (UN 3077, Class 9, Packing group III)

* Please refer to MSDS for more information about Safety, Storage and Transportation.