



Specialized in chemicals

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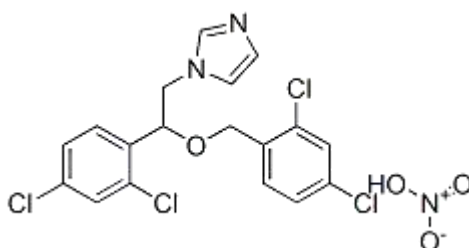
Site: www.tnjchem.com

Technical Data Sheet

Miconazole Nitrate

Product Information

| | |
|--------------------|---|
| Product Name | Miconazole Nitrate |
| Synonyms | (+/-) Miconazole Nitrate Salt |
| CAS No. | 22832-87-7 |
| EINECS No. | 245-256-6 |
| Molecular formula | C ₁₈ H ₁₅ Cl ₄ N ₃ O ₄ |
| Molecular weight | 479-.14 |
| Chemical structure | |



Physical Properties

White or almost white crystalline powder. Sparingly soluble in methanol, slightly soluble in chloroform or ethanol, insoluble in water or ether.

| | |
|----------------|------------------------|
| Density | 1.451g/cm ³ |
| Melting Point | 170-185°C |
| Boiling Point | 555.1°C at 760 mm Hg |
| Flashing Point | 289.5°C |

Specification

| Items | Specification |
|---------------------------------|------------------------------|
| Appearance | White or almost white powder |
| Optical Rotation | -0.1° ~ +0.1° |
| Loss on drying | ≤0.50% |
| Residue on ignition | ≤0.10% |
| Related substances | |
| Impurity A,B,C,D,E,F,G | ≤0.25% |
| Individual unspecified impurity | ≤0.10% |
| Total impurity | ≤0.50% |
| Residue solvents | |
| Toluene | ≤890ppm |
| Ethanol | ≤5000ppm |
| Benzyl chloride | ≤1000ppm |
| 2,4-Dichlorobenzyl chloride | ≤1000ppm |
| Assay | 98.50 ~ 101.00% |

Safety

Miconazole Nitrate is a stable material, not dangerous on transportation.
Always refer to the Material Safety Data Sheet (MSDS)

Applications

Miconazole Nitrate is belong to Imidazole broad-spectrum anti-fungal drugs, it is a commonly used drug treatment of skin ringworm.

Packaging

25kg per fiber drum or as per customer's customers

Storage & Handling

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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