

TNJ®

Specialized in chemicals

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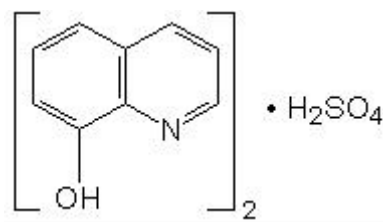
Technical Data Sheet

8-Hydroxyquinoline sulfate

Product Information

Product Name: 8-Hydroxyquinoline sulfate

Chemical Structure



CAS: 134-31-6

MF: C₁₈H₁₄N₂O₂.H₂SO₄

MW: 388.39

EINECS: 205-137-1

Synonyms: 8-hydroxy-chinolin-sulfat; 8-Hydroxyquinolinesulfuricacidsalt; 8-Quinolinol,hydrogensulfate(2:1)

Description

Yellow or pale yellow crystalline powder, soluble in water, slow soluble in ethanol, insoluble in ether, encounter alkali decomposition, it has strong hygroscopicity.

Physical Properties

| | |
|--------------------------|-------------|
| Melting point, °C . | ~175 °C |
| Boiling point, °C | Decomposes. |
| PH (5% aqueous solution) | 3 |

Specification

| Item | Specification |
|------|---------------|
|------|---------------|

| | |
|--------------------------|------------------------|
| Assay, % min. | 99.0 |
| Melting point, C | 175.0~177.0 |
| Residue on Ignition, % | ≤0.10 |
| PH (5% aqueous solution) | Around 3 |
| Solubility | Complies with standard |

Applications

It shows antimycotic activity and used in pharmaceutical and cosmetic.

Packaging

It is packed in fibre drums of 25kgs net each.

12mt per 20ft container

Storage & Handling

8-Hydroxyquinoline sulfate should be kept container dry.

Keep away from heat.

Keep away from sources of ignition.