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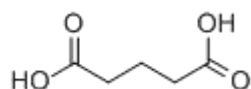
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Technical Data Sheet

Glutaric acid

Product Information

Chemical Name	Glutaric acid
CAS #	110-94-1
Formula	C5H8O4
Synonyms	1,3-Propanedicarboxylic acid; 1,5-Pentanedioic acid; pentanedioic acid; pentanedioate



Description

Glutaric acid is a kind of Acicular or needle-like crystal.

Physical Properties

Melting point, °C .	95-98 °C
Boiling point , °C .	302°C
density(kpa)	1.429 g/cm ³

Specification

Item	Index	Test method
Appearance	needle-like crystal	eyeballing
Assay %	≥ 99	GB/T512
Melting point	95-98 C	Auto Melting point device
Residue on ignition	≤ 500ppm	GB/T511
Water insoluble matter	≤ 50ppm	GB/T268
Moisture%	≤ 0.2	GB/T260
Clarity of solution#	≤ 50	50%Aq. solution Pt-Co

Safety

Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Severe overexposure can result in death.

Always refer to the Material Safety Data Sheet (MSDS)

Applications

It is material of Glutaric Anhydride, used as initiator of polymerization of resin and rubber, adhesive etc.

Packaging

25kg per fiber drum, 9mt per 20ft container

Storage & Handling

Keep away from heat.

Keep away from sources of ignition.

Ground all equipment containing material.

Keep container in a cool, well-ventilated area.

Keep container tightly closed and sealed until ready for use.

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

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