

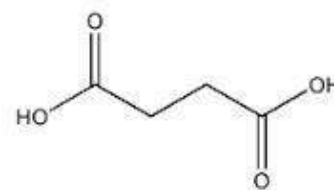
Technical Data Sheet

Basic information

Chemical name	Succinic acid
Synonyms	Butanedioic acid
CAS.No.	110-15-6
EINECS No.	203-740-4
Molecular weight	118.0

Formula C₄H₆O₄

Chemical structure



Physical properties

Melting point, °C	185
Boiling point, °C	235
Property	Soluble in water, slightly soluble in alcohol
Density, 20 °C, g/cm ³	1.572

Specification

Items	Specification
Appearance	White crystals
Water solution clarity	Colorless and transparent
Assay, %	≥99.5
Melting range, °C	185.0~190.0
Water, %	≤0.5
Chloride, %	≤0.007
Sulfates(as SO ₄ ²⁻), %	≤0.02
Residue on ignition, %	≤0.025
Iron, PPM	≤10
Water insoluble, PPM	≤100
Heavy metals (Pb), PPM	≤10
Arsenic (As), PPM	≤2
Potassium permanganate-reducing, %	Not disappear in 3 min

Application

Succinic acid is often used to produce five heterocyclic compounds, melting in water and lightly melting in alcohol. This product is an important chemical material and has comprehensive use.

Food industry It can be used as food iron supplements, flavoring agents, etc

Pharm industry It can be used to synthesize sedative, antispasmer, antileptem, antiphogistic, anrhoter, contraception and

cancer-curing medicine,etc

Agriculture	It is an intermediate of fungicide sclerotium and plant growth regulator butyryl hydrazide
Chemical	It can be used to produce dyestuff, alhydresin, glass fiber, strengthening plastic, on exchange resin and pesticide etc

Package

- 25kg/bag, 20mt per 20'ft without pallets, 18mt with pallets; In woven bag lined with plastic bag, net weight 25kg; or compound bag lined with plastic bag, net weight 25kg; or upon request.
- 25kg/fibre drum, 12mt per 20'ft without pallets, 9mt with pallets;

Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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