

### Edible Grade

#### Description: Chemical Formula: C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>

Succinic acid is a white, crystalline, odourless, granular product. It has a faint acidic, characteristic taste.

#### Specification

Characteristics	Specification	
Appearance	White Crystalline Powder	
Assay on dry basis as C <sub>4</sub> H <sub>6</sub> O <sub>4</sub> Wt.%	Min.	99.0
Maleic Acid, Wt.%	Max.	0.05
Fumaric Acid, Wt.%	Max.	0.5
Residue on ignition, Wt.%	Max.	0.1
Moisture, Wt.%	Max.	0.30
Heavy Metals as Pb, ppm	Max.	10
Lead as Pb, ppm	Max.	2
Arsenic as As, ppm	Max.	1

#### Packaging

PE lined, PE laminated HDPE bag -25 Kg

#### Full Container Load (FCL)

#### Palletised and Stretch Wrapped

40 x 25 Kg Bags / Pallet = 1.0 MT

1.0 MT x 20 Pallets = 20 MT/ FCL

#### Storage & Handling

Succinic Acid should be kept in a well - sealed bag away from direct sunlight.

#### Health Hazard

Succinic Acid will irritate eyes, nasal passages and skin. It is recommended to wear safety goggles, respirators and rubber gloves while handling the material.

**For further details please contact**

**Thirumalai Chemicals Limited**

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## **Application**

- In manufacture of alkyd resins and coatings.
- As an intermediate in the manufacture of dyes, flavours, photographic chemicals, lacquers, pharmaceuticals, plasticisers, electrolytic bath additives, metal treatment chemicals and in the manufacture of succinates.
- As a starch modifier in foods and feeds. As a seasoning for refined sake and soy sauce and pastes. As a flavouring agent in food and beverages.