

Description: Chemical Formula - C₄H₄O₃

Succinic Anhydride is an important organic anhydride. It is a white, crystalline and flaky product. It is odourless.

Specification

Characteristics	Specification	
Appearance	White Flakes	
Assay on dry basis as C ₄ H ₄ O ₃ Wt. %	Min.	99
Maleic Anhydride, Wt. %	Max.	0.05
Freezing Point, Deg. C	Min.	118
Colour Molten, APHA	Max.	200
Free Acidity, Wt %	Max.	1.0
Residue on Ignition, Wt. %	Max.	0.1
Heavy Metals as Pb, ppm	Max.	10
Lead as Pb, ppm	Max.	2
Arsenic as As, ppm	Max.	1

Packaging

1. PE lined, PE laminated HDPE bag -25 Kg
2. 500 Kg bulk bag with liner

Full Container Load (FCL)
1. Palletised and Stretch Wrapped

40 x 25 Kg Bags / Pallet = 1.0 MT

1.0 MT x 20 Pallets = 20 MT / FCL

2. Bulk bag packing

30 x 500 Kg bags on pallets = 15 MT / FCL

Storage & Handling

Succinic Anhydride reacts with water to form Succinic acid. Container should be kept well sealed away from water and moist air.

Health Hazard

Succinic Anhydride irritates eyes, nasal passages and skin. It is recommended to wear safety goggles, respirator & rubber gloves while handling this material.

**For further details please contact
Thirumalai Chemicals Limited**

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Application

- In the manufacture of alkyd and other copolymer resins, as cross-linking agent in acrylic films.
- In the manufacture of esters, flavour and fragrance chemicals, dyes, adhesives and curing agents.
- In the manufacture of synthetic detergents and lubricants.
- For size preparation in textile industry
- As starch modifier in food and feed industry.