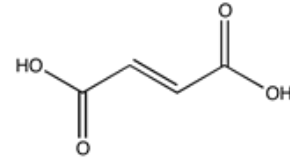


Identification

C₄H₄O₄
M = 116,07 g/mol
CAS [110-17-8]
EC number: 203-743-0
Taric code: 2917 19 90



Synonyms

trans-Butenedioic acid

Applications

antioxidant, manufacturing of synthetic resins, manufacture of dyes, synthesis of organic products.

Specifications

assay (acidimetric)..... min. 99 %

identity (IR-spectrum).....passes test

Physical data

- Appearance: powder, white
- Spec. Density: 1,64 g/cm³
- Bulk density: 800 kg/m³
- Solub. in water: (20 °C): 4,9 g/l
- Melting point: 287 °C
- Boiling point: 290 °C
- Flash point: 273 °C
- Ignition temperature: 375 °C
- Vapour pressure: (20 °C) < 0,001 hPa
- pH(4,9 g/l H₂O, 20 °C) 2,1

Safety - GHS

Signal Word: Warning

Hazard Statements:

H319: Causes serious eye irritation.



Precautionary Statements:

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P264: Wash thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice / attention.

Transport/storage

- 10°C - 30°C