Fumic Acid (FA)

**Molecular Formula:** C₄H₄O₄

**Molecular Weight:** 116.07 g/mol

**CAS Description:** trans-Butenedioic Acid

**CAS No.:** [110-17-8]

**EINECS-No.:** 203-743-0

**TSCA:** listed

**German:** Fumarsäure, trans-Butendisäure

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**Packaging**

- Big bags of 1000 kg net
- Big bags of 500 kg net
- Paper bags of 25 kg net

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**Applications**

Fumic Acid (FA) is a widely used chemical intermediate and building block for several chemical production processes. Besides its application in chemical synthesis major fields of applications for FA are the coatings industry and the use as additive in the food & feed industry.

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**Other Properties**

- Melting point: 287 °C
- Density at 20 °C: 1.635 g/cm³
- Flash point: 230 °C

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**FA Quality (selected parameters)**

- Description: white, crystalline powder
- Odour: odourless
- Identity:
  - IR-Spectrum: conform with ref. spectrum
  - Colour number: max. 10 APHA
  - Content of fumaric acid (acidimetry): min. 99.7 % calculated on the dry substance

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**Specific Requirements**

ESIM Chemicals specification for animal feed grade covers the parameters and limits given for purity of fumaric acid for food additives by the European Community listed under E 297 (2000/63/EC to 96/77/EC).


The above chemical substance was registered in accordance with Regulation (EC) No. 1907/2006 (REACH). The assigned registration number is 01-2119485492-31-0000.