Fumaric Acid (FA)

Molecular Formula: $\text{C}_4\text{H}_4\text{O}_4$
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

Packaging
Big bags of 1000 kg net
Big bags of 500 kg net

Applications
Fumaric 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.

Other Properties
Melting point: 287 °C
Density at 20 °C: 1.635 g/cm$^3$
Flash point: 230 °C

FA Quality (selected parameters)
Description: white, fine crystalline powder
Odour: odourless
Identity:
IR-Spectrum: conform with ref. spectrum
Content of fumaric acid (acidimetry): min. 99.9 % (calculated on the dry sample)
Colour number: max. 5 APHA

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.