

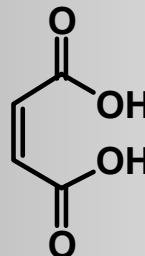


Maleic Acid pure (MA)

Formula:



Structural formula:



Mol. weight: 116.07

SYNONYMS:

	cis-Butenedioic acid
CAS:	Z-Butenedioic acid
	Maleic acid pure
CAS RN:	[110-16-7]
German:	Maleinsäure
	cis-1,2-Ethylendicarbonsäure

SPECIFICATION RL-M 2620/01:

Description:	white to off white, crystalline powder
Odour:	odourless
Identity:	
TLC:	conforming
Melting point:	132 - 135°C
Appearance of solution: (5 g in 50 ml H ₂ O)	
Clarity:	clear
Colour:	colourless (Y7)
Water (K.F.):	max. 0.1%
Residue on ignition	max. 0.1%
Fumaric acid:	max. 0.1 %
Iron:	max. 5 ppm
Heavy metals as Pb:	max. 10 ppm
Assay (acidimetric):	99.0 – 101.0 %

HANDLING:

Packing:	multiple paper bags of 25 kg net listed
TSCA:	

APPLICATIONS:

- Intermediate for pharmaceutical active substances e.g.
 - Brompheniramine maleate
 - Butaperazin maleate
 - Carbinoxamine maleate
 - Chlorambucil
 - Chlopheniramine maleate
 - Dexbrompheniramine maleate
 - Dexchlorpheniramine maleate
 - Dimethinden maleate
 - Methylergonovin maleate
 - Methylsergid maleate
 - Nomifensin maleate
 - Pherhexilin maleate
 - Pheniramin maleate
 - Timolol maleate
- Alkyd- and polyester resins
- Drilling fluids
- Artificial resins
- Dying and finishing of wool, cotton and silk
- Coating of cellulose films (cellophane)
- Photo industry (quick photo processing)
- Detergents / Dispersants
- Tenside
- Fumaric Acid
- Hot-melt adhesive (hot sealable glue)
- Printing inks
- Succinic acid
- Co-monomers for PV alcohol
- Calgonit ®
- Textile industry
- Food industry