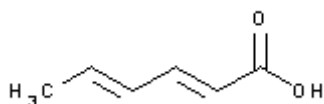




PRODUCT CODE: 201055

Sorbic Acid (E-200, F.C.C.) food grade



M.= 112,13

CAS [110-44-1]

EINECS 203-768-7

TARIC 2916 19 95 90

SYNONYMS: 2,4-Hexadienoic Acid

PHYSICAL DATA: crystalline powder, White, Soluble in water 2,5 g/l at 25 °C D 1,1 • M.P.: 134 °C • B.P.: 228 °C

• pH(1.6 g/l)3 • Flash P.:127 °C • Vap. press. (20 °C) 0,013 hPa •

BIBLIOGRAPHY: Merck Index **13**, 8.793 14, 8.721 Sax **SKU000** • Beilstein **2 , IV , 1701** • BRN 1098547 • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: WG 2100000 • LD50 oral mus 3.200 mg/kg • LD50 oral rat 7.360 mg/kg • LD50 ipr mus 2.820 mg/kg



H: H319 • H335 •

P: P261 • P264 • P271 • P280 • P304+P340 • P501 • P305+P351+P338 • P312 • P337+P313 • P403+P233 • P405 •

OBSERVATIONS: Storage away from direct light. •

SPECIFICATIONS:

Assay (C ₆ H ₈ O ₂) , calculated on the anhy. basis	99,0-101,0%
Melting range	133-135°C
Residue on ignition , not more than	0,2 %
Aldehydes (as formaldehyde), not more than	0,1%
Arsenic (as As), not more than	3 ppm
Mercury (Hg), not more than	1 ppm
Lead, not more than	2 ppm
Water , not more than	0,5 %
Heavy metals (as Pb) , not more than	10 ppm

Specifications Regulation (UE) nº 231/2012, F.C.C. 11, R.D. 1466/2009

For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C.

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 201055