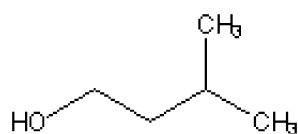




PRODUCT CODE: 121079

Isoamyl Alcohol according to Gerber for analysis
for determination of fat in milk

$C_5H_{12}O$
 $C_5H_{11}OH$



M.= 88,15

CAS [123-51-3]

EINECS 204-633-5

TARIC 2905 19 00 98

FEMA 2057

SYNONYMS: Isoamyl Alcohol, iso-Amyl Alcohol, Isobutylcarbinol, iso-Butylcarbinol, Isopentyl Alcohol, iso-Pentyl Alcohol

PHYSICAL DATA: liquid, Clear, Colourless, Soluble in water 25 g/l at 20 °C D 20/4 0,809 • M.P.: -117,2 °C • B.P.: 131 °C • n₂₀/D : 1,4053 • Flash P.: 42 °C • Ign. T.: 340 °C • Vap. press. (20 °C) 3 hPa • D. M. 20 °C 1,7 Debye • Dielec. constant 20 °C 14,7 • Heat evap. 131 °C 441 KJ/Kg • Satur. conc. 20 °C 11 g/m³ • Expl. limit 1,2 %(V) 8 %(V) •

BIBLIOGRAPHY: Merck Index **12**, 5.212 **13**, 5.214 Sax **IHP000** • Safety **2**, **2712 D** • Kühn-Birett **A 67** • Ullmann **(5.)1**, 280 • Beilstein **1**, **392 I**, **196 II**, **426 III**, **1633 IV**, **1677** • BRN 1718835 • ACS **X375IX352** • F.C.C **IV510** •

HAZARDOUS: C.E: 603-006-00-7 • RTECS: EL 5425000 • LD50 oral rat 1.300 mg/kg • TC L0 man 150ppm • LD50 skn rbt 3.212 mg/kg • VLA-EC 125 ppm458 mg/m³ VLA-ED 100 ppm366 mg/m³



H: H226 • H332 • H335 • EUH066 •

P: P210 • P233 • P240 • P241 • P242 • P501 • P243 • P261 • P271 • P280 • P303+P361+P353 • P304+P340 • P312 • P370+P378 • P403+P233 • P403+P235 • P405 •

TRANSPORT REGULATIONS: UN: 1105 • ADR: 3/III • IMDG: 3/III • IATA: 3/III • PAX: 355 • CAO: 366 • (D/E) •

WEIGHT/VOLUME INFORMATION: 1l~0,810 kg 1kg~1,235 l

SPECIFICATIONS:

Assay (as C₅H₁₂O) (G.C.)

98,5%

Suitability: for fats determ. acc. to Gerber

passes test

Maximum limit of impurities

Organic impurities

passes test

Water (H₂O)

0,3 %

