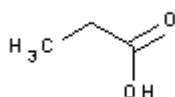
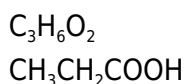


**PRODUCT CODE: 161810****Propionic Acid, 99% for synthesis**

M.= 74,08

CAS [79-09-4]

EINECS 201-176-3

TARIC 2915 50 00 00

SYNONYMS: Ethylformic Acid, Methylacetic Acid, Propanoic Acid**PHYSICAL DATA:** liquid, Clear, Colourless, Miscible with water • D 20/4 0,9934 • M.P.: -21,5 °C • B.P.: 141,1 °C
• pH(100g/l)2,5 • n_{20/D} : 1,386 • Flash P.:54 °C • Ign. T.:485 °C • Vap. press. (20 °C) 2,9 hPa • Expl. limit2,1
%(V)12 %(V) •**BIBLIOGRAPHY:** Merck Index **12**, 8.010 13, 7.917 Sax **PMU**750 • Safety **2** , **2957 C** • Kühn-Birett **P** 37 • Ullmann
(**5.**)5 , 223 • Beilstein **2** , **234 I** , **102 II** , **212 III** ,**502 IV** , **695** • BRN 506071 • Fieser **12415** • ACS **XI** • USP **-NF**
36 • F.C.C **10 11** • BOE **24227982**(9-10-82)**171994**(20-01-1998)**243**(8-10-2009) • Regulation (EU) n° 231/2012 •**HAZARDOUS:** C.E: 607-089-00-0 • RTECS: UE 5950000 • LD50 oral rat 2.600 mg/kg • LD50 skn rbt 500 mg/kg •
TLV-TWA 10 ppm30 mg/m³ VLA-EC 20 ppm62 mg/m³ VLA-ED (C₃H₆O₂) 10 ppm31 mg/m³

H: H314 •

P: P260 • P264 • P280 • P301+P330+P331 • P303+P361+P353 • P501 • P304+P340 • P305+P351+P338 • P310 •
P321 • P338 • P363 • P405 •**TRANSPORT REGULATIONS:** UN: 3463 • ADR: 8(3)/II • IMDG: 8(3)/II • IATA: 8(3)/II • PAX: 851 • CAO: 855 •
(D/E) •**WEIGHT/VOLUME INFORMATION:** 1l~0,991 kg 1kg~1,009 l

SPECIFICATIONS:

Minimum assay (G.C.)

99%

Identity :

Identity

IR passes test

Density at 20/4

0,988-0,993

Water (H₂O)

0,2 %

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 161810