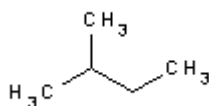


PRODUCT CODE: 143501

Isopentane pure

C₅H₁₂

C₅H₁₂



M.= 72,15

CAS [78-78-4]

EINECS 201-142-8

TARIC 2901 10 00 00

SYNONYMS: 2-Methylbutane, Isopentane

PHYSICAL DATA: liquid, Clear, Colourless, Soluble in water 0,36 g/l at 20 °C D 20/4 0,6201 • M.P.: -159,9 °C • B.P.: 27,8 °C • n_{20/D} : 1,3537 • Flash P.: -51 °C • Ign. T.: 420 °C • Expl. limit 1,3 %(V) 7,6 %(V) •

BIBLIOGRAPHY: Sax **EIK000** • Safety **2**, **2306 D** • Kühn-Birett **P 58** • Beilstein **1**, **134 IV**, **320** • BRN 1730723 •

HAZARDOUS: C.E: 601-006-00-1 • RTECS: EK 4430000 • LC L0 mus 419g/m³ / 2h • TLV-TWA 600 ppm 1.770 mg/m³ VLA-ED 1.000 ppm 3.000 mg/m³



H: H224 • H304 • EUH066 • H336 • H411 •
P: P210 • P233 • P240 • P241 • P242 • P243 • P261 • P271 • P273 • P280 • P301+P310 • P303+P361+P353 • P304+P340 • P312 • P331 • P370+P378 • P391 • P403+P233 • P403+P235 • P405 • P501 •

TRANSPORT REGULATIONS: UN: 1265 • ADR: 3/I • IMDG: 3/I • IATA: 3/I • PAX: 351 • CAO: 361 • (D/E) •
WEIGHT/VOLUME INFORMATION: 1l~0,620 kg 1kg~1,613 l

SPECIFICATIONS:

Assay (G.C.)

98%

Identity :

Identity

IR passes test

Density at 20/4

0,618-0,622

Acidity	0,001 meq/g
Non-volatile matter	0,005 %
Sulfur compounds (as S)	0,005 %
n-Pentane (G.C.)	1%
Water (H2O)	0,02 %
Cu	0,00002 %
Fe	0,00005 %
Ni	0,00002 %
Pb	0,00002 %