

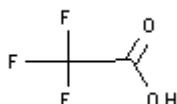


**PRODUCT CODE: 163317**

**Trifluoroacetic Acid, 99% for synthesis**

$C_2HF_3O_2$

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M.= 114,02

CAS [76-05-1]

EINECS 200-929-3

TARIC 2915 90 70 90

**SYNONYMS:** TFA

**PHYSICAL DATA:** liquid, Clear, Colourless, Miscible with water • Hygroscopic • D 20/4 1,489 • M.P.: -15,2 °C • B.P.: 72,4 °C • n<sub>20/D</sub> : 1,3 • Vap. press. (25 °C) 142 hPa • Viscosity 20 °C 0,91 mPa.s • Dielec. constant 25 °C 42,1 • Heat evap. 72 °C 292 KJ/Kg •

**BIBLIOGRAPHY:** Merck Index **12**, 9.812 13, 9.754 Sax **TKA250** • Safety **2** , **3439 A** • Kühn-Birett **T 55** • Beilstein **2** , **II** , **186 III** , **426 IV** , **458** • BRN 742035 • Fieser **11219 2433 3305 4530 5695 7388 8503 9483 10418 12529 14322 15338** •

**HAZARDOUS:** C.E: 607-091-00-1 • RTECS: Aj 9625000 • LD50 oral rat 200 mg/kg • LC50 rat 10g/m<sup>3</sup> •



H: H332 • H314 • H412 •

P: P260 • P261 • P264 • P271 • P273 • P280 • P301+P330+P331 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P312 • P321 • P338 • P363 • P405 • P501 •

**TRANSPORT REGULATIONS:** UN: 2699 • ADR: 8/I • IMDG: 8/I • IATA: 8/I • PAX: 850 • CAO: 854 • (E) •

**WEIGHT/VOLUME INFORMATION:** 1l~1,489 kg 1kg~0,671 l

**SPECIFICATIONS:**

Minimum assay (Acidim.)  
Identity :  
Identity  
Water (H<sub>2</sub>O)

99%

IR passes test  
0,1 %

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 163317