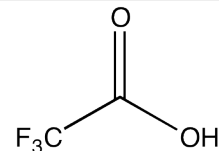


**Identification**

CF<sub>3</sub>COOH  
M = 114,02 g/mol  
CAS [76-05-1]  
EC number: 200-929-3  
Taric code: 2915 90 70

**Synonyms**

Perfluoroacetic acid, TFA


**Applications**

analytical chemistry, for nuclear magnetic resonance spectroscopy.

**Specifications**

assay (acidimetric).....	min. 99,5 %	max. absorbance in a 1,0 cm cell at	
gradient elution.....	passes test	wavelength:	absorbance:
water (K.F.).....	max. 0,05 %	260 nm.....	0,9 AU
		270 nm.....	0,1 AU
		280 nm.....	0,05 AU
		290 nm.....	0,04 AU
		300 nm.....	0,03 AU
		320 nm.....	0,025 AU

**Packaging****Packaging Code**

100 ml  AC12350100

**Physical data**

- Density: 1,48 g/cm<sup>3</sup>
- Solub. in water: (20 °C): freely miscible
- Melting point: -15 °C
- Boiling point: 72 °C
- Vapour pressure: (20 °C) 11 hPa
- Viscosity: (20 °C) 0,91 mPas
- Dielectric const.: (25 °C) 42,1
- Evap. heat: (72 °C) 292 KJ/kg
- pH(20 °C) < 1
- Hygroscopic

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

- H314: Causes severe skin burns and eye damage.  
H332: Harmful if inhaled.  
H412: Harmful to aquatic life with long lasting effects.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.  
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321: Specific treatment (see on this label).  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- WGK: 2
- Poison class CH (Swiss): 3

**Transport/storage**

- ADR: 8 C3 I • UN 2699 • TRIFLUOROACETIC ACID
- IMDG: 8 I • UN 2699 • TRIFLUOROACETIC ACID
- IATA/ICAO: 8 I • UN 2699 • TRIFLUOROACETIC ACID
- PAX: 807
- CAO: 809
- Store between 15°C and 25°C