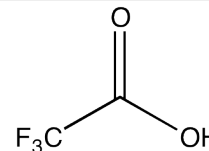


**Identification**

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 %	residue on evaporation.....	max. 0,01 %
identity (IR-spectrum).....	passes test	water (K.F.).....	max. 0,3 %
density (20°/4°).....	1,487 - 1,489		

**Packaging**
**Packaging Code**

100 ml  AC31410100  
 1 l  AC31411000  
 25 l  AC3141025A

**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