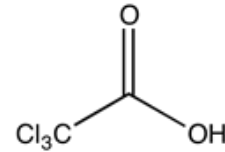


## Trichloroacetic acid, solution 20% w/v, EssentQ®

**Identification**

CCl<sub>3</sub>COOH  
M = 163,39 g/mol  
CAS [76-03-9]  
EC number: 200-927-2  
Taric code: 2915 40 00

**Synonyms**

TCA

**Applications**

analytical chemistry, laboratory reagent, herbicide, precipitant for: proteins, fixative in microscopy.

**Specifications**

assay (acidimetric).....	approx. 20 %	copper (Cu).....	max. 0,003 %
chlorides (Cl).....	max. 0,005 %	iron (Fe).....	max. 0,002 %
nitrates (NO <sub>3</sub> ).....	max. 0,02 %	lead (Pb).....	max. 0,003 %
sulfates (SO <sub>4</sub> ).....	max. 0,05 %	nickel (Ni).....	max. 0,003 %

**Physical data**

- Density: 1,10 g/cm<sup>3</sup>
- pH < 1

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

- H314: Causes severe skin burns and eye damage.  
H335: May cause respiratory irritation.  
H411: Toxic 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.  
P310: Immediately call a POISON CENTER or doctor / physician.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 8 C3 II • UN 2564 • TRICHLOROACETIC ACID SOLUTION
- IMDG: 8 II • UN 2564 • TRICHLOROACETIC ACID SOLUTION
- IATA/ICAO: 8 II • UN 2564 • TRICHLOROACETIC ACID SOLUTION
- PAX: 809
- CAO: 813
- 10°C - 30°C