

## SAFETY DATA SHEET

Creation Date 22-Sep-2009

Revision Date 18-Jan-2018

Revision Number 4

### 1. Identification

**Product Name** 1,1,2,2-Tetrachloroethane

**Cat No. :** AC147940000; AC147940010; AC147940025; AC147940250;  
AC147941000

**CAS-No** 79-34-5  
**Synonyms** Acetosal; Bonoform; Cellon

**Recommended Use** Laboratory chemicals.  
**Uses advised against** Food, drug, pesticide or biocidal product use.  
**Details of the supplier of the safety data sheet**

#### Emergency Telephone Number

For information **US** call: 001-800-ACROS-01 / **Europe** call: +32 14 57 52 11  
Emergency Number **US**:001-201-796-7100 / **Europe**: +32 14 57 52 99  
**CHEMTREC** Tel. No.**US**:001-800-424-9300 / **Europe**:





## 9. Physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Colorless
<b>Odor</b>	sweet
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting Point/Range</b>	-43 °C / -45.4 °F
<b>Boiling Point/Range</b>	147 °C / 296.6 °F
<b>Flash Point</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid,gas)</b>	Not applicable
<b>Flammability or explosive limits</b>	
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Vapor Pressure</b>	6.6 mbar @ 20 °C
<b>Vapor Density</b>	5.79
<b>Specific Gravity</b>	1.580
<b>Solubility</b>	Moderately soluble
<b>Partition coefficient; n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available
<b>Viscosity</b>	1.7 mPa s at 28 °C
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>2</sub> Cl <sub>4</sub>
<b>Molecular Weight</b>	167.85

## 10. Stability and reactivity

**Reactive Hazard**

None known, based Td(b) Tj 100 0 Td(a) Tj 100 0 Td(s) Tj 90 04a10 0 Td(0 0 ea)ET Q 4T /F1 180



## 12. Ecological information

### Ecotoxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product contains following substances which are hazardous for the environment.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
1,1,2,2-Tetrachloroethane	EC50: 31.4 - 188 mg/L, 72h (Pseudokirchneriella subcapitata) EC50: 40.7 - 344 mg/L, 96h (Pseudokirchneriella subcapitata) EC50: = 47 mg/L, 96h static			



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DOT Marine Pollutant N  
DOT Severe Marine Pollutant N

**U.S. Department of Homeland Security** This product does not contain any DHS chemicals.

### Other International Regulations

**Mexico - Grade** No information available