

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

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

1,1,2,2-Tetrachloroethane

Revision Date 18-Jan-2018

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