

# **1,1,2,2-Tetrachloroethane**

## **Product Stewardship Summary**

Chemical Name:	1,1,2,2-Tetrachloroethane
Synonyms:	Acetylene tetrachloride
CAS Number:	79-34-5
EC (EINECS) Number:	201-197-8
Revision number:	1-2026

- **Chemical identification and uses:** 1,1,2,2-Tetrachloroethane is a manufactured, colorless, dense liquid that does not burn easily. It is volatile and has a sweet odor. In the past, it was used in large amounts to produce other chemicals, as an industrial solvent to clean and degrease metals, and as an ingredient in paints and pesticides. Commercial production of 1,1,2,2-tetrachloroethane for these uses has stopped in the United States. As 1,1,2,2-tetrachloroethane is no longer used much in the United States, current air emissions predominantly result from its use as a chemical intermediate during the manufacture of other chemicals. Low levels have been detected in air.
- **Potential exposures:** Since cease of its usage in the USA, exposure to 1,1,2,2-Tetrachloroethane can occur mainly in industrial/manufacturing facilities, if any at all. Workers risk exposure primarily through inhalation or skin contact. Good manufacturing and industrial hygiene practices should be followed to prevent or reduce contact. See the Safety Data Sheet (SDS) for additional information.
- **Human Health hazards:** It is non-genotoxic but can be toxic if inhaled or on skin contact. 1,1,2,2-Tetrachloroethane is also known to be a carcinogen. Please refer to the Safety Data Sheet (SDS) for additional information and any protective information.
- **Environmental Health hazards:** it is suspected to be toxic to aquatic life. Regulated environmental control should be taken during usage.
- Please contact us at [PSCustomerCare@Solstice.com](mailto:PSCustomerCare@Solstice.com) for more information. Additional information may also be found at the following links:

[EPA- 1,1,2,2-Tetrachloroethane](#)  
[PubChem- 1,1,2,2-Tetrachloroethane](#)

*This product stewardship summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of all health and safety information. Additional information on the chemical is available through the applicable Material Safety Data Sheet which should be consulted before use of the chemical. The product stewardship summary does not supplant or replace required regulatory and/or legal communication documents. Statements concerning use of our products are made without warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.*