

Stannane, chlorotriethyl-

Other names:	Chlorotriethylstannane Chlorotriethyltin NSC 5283 Tin, triethyl-, chloride Triaethylzinnchlorid Triethylchlorostannane Triethylchlorotin Triethylstannium chloride Triethylstannyl chloride Triethyltin chloride Triethyltin chloride ((C ₂ H ₅) ₃ SnCl)
Inchi:	InChI=1S/3C2H5.ClH.Sn/c3*1-2;;/h3*1H2,2H3;1H;/q;;;+1/p-1
InchiKey:	PIMYDFDXAUVLON-UHFFFAOYSA-M
Formula:	C ₆ H ₁₅ ClSn
SMILES:	CC[Sn](Cl)(CC)CC
Mol. weight [g/mol]:	241.35
CAS:	994-31-0

Physical Properties

Property code	Value	Unit	Source
hvap	50.70	kJ/mol	NIST Webbook

Correlations

Information	Value
Property code	pvap
Equation	$\ln(P_{vp}) = A + B/(T + C)$
Coeff. A	1.37592e+01
Coeff. B	-3.43186e+03
Coeff. C	-1.05710e+02
Temperature range (K), min.	333.00
Temperature range (K), max.	511.96

Sources

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C994310&Units=SI>

The Yaws Handbook of Vapor Pressure:

<https://www.sciencedirect.com/book/9780128029992/the-yaws-handbook-of-vapor-pressure>

Legend

h_{vap}: Enthalpy of vaporization at standard conditions

p_{vap}: Vapor pressure

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