

Dibutyl tin dichloride

Other names:	Dibutyl(dichloro)stannane Stannane, dibutyldichloro Di-n-butyltindichloride
Inchi:	InChI=1S/2C4H9.2ClH.Sn/c2*1-3-4-2;;;/h2*1,3-4H2,2H3;2*1H;/q;;;+2/p-2
InchiKey:	RJGHQTVXGKYATR-UHFFFAOYSA-L
Formula:	C8H18Cl2Sn
SMILES:	CCCC[Sn](Cl)(Cl)CCCC
Mol. weight [g/mol]:	303.85
CAS:	683-18-1

Physical Properties

Property code	Value	Unit	Source
tf	316.00 ± 0.10	K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	22.75	kJ/mol	316.20	NIST Webbook
hfust	22.75	kJ/mol	316.20	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C683181&Units=SI>

Legend

hfust: Enthalpy of fusion at a given temperature
tf: Normal melting (fusion) point

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<https://www.chemeo.com/cid/50-414-6/Dibutyl-tin-dichloride.pdf>

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