

# zinc distearate

<b>Other names:</b>	Zinc(II) n-octadecanoate
<b>Inchi:</b>	InChI=1S/2C18H36O2.Zn/c2*1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18(19)20;/h2*2
<b>InchiKey:</b>	XOOUIPVCVHRTMJ-UHFFFAOYSA-L
<b>Formula:</b>	C36H70O4Zn
<b>SMILES:</b>	CCCCCCCCCCCCCCCCCCCC(=O)[O-].CCCCCCCCCCCCCCCCCCCC(=O)[O-].[Zn+2]
<b>Mol. weight [g/mol]:</b>	632.32
<b>CAS:</b>	557-05-1

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	103.00	kJ/mol	403.00	NIST Webbook
sfust	256.00	J/mol×K	403.00	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C557051&Units=SI>

## Legend

**hfust:** Enthalpy of fusion at a given temperature  
**sfust:** Entropy of fusion at a given temperature

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