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Typical Product Specifications & Properties

2,2''-Thiobispropane

CAS Number: : 625-80-9

Specifications	Limits
Molecular weight	118.24
EINECS	210-911-7
SMILES	<chem>C(SC(C)C)(C)C</chem>
InChI	1S/C6H14S/c1-5(2)7-6(3)4/h5-6H,1-4H3
InChIKey	XYWDPYKBIRQXQS-UHFFFAOYSA-N
Density	0.814 g/mL at 25 °C
Storage Temperature	Flammables area
Flash Point	45 °F
Stability	Stable. Highly flammable. Incompatible with strong oxidizing agents, strong bases, strong reducing agents.
Refractive Index	1.4379
Boiling Point	120 °C/763 mm Hg
BRN Number	1731257



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Specifications	Limits
Water solubility	Not miscible or difficult to mix with water.
Atmospheric OH Rate Constant	3.26E-11 cm ³ /molecule-sec
Melting Point	-7.81E+01 ° C
log P (octanol-water)	2.84
Henry's Law Constant	2.44E-03 atm-m ³ /mole
Water solubility	383 mg/L
Boiling Point	120.1 ° C



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