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Typical Product Specifications & Properties

RSPO Certified Myristic acid 99%

CAS Number: : 544-63-8

Specifications	Limits
Molecular weight	228.37
EINECS	208-875-2
SMILES	C(CCCCCCCC)CCCC(=O)O
InChI	TUNFSRHWOTWDNC-UHFFFAOYSA-N
InChIKey	1S/C14H28O2/c1-2-3-4-5-6-7-8-9-10-11-12-13-14(15)16/h2-13H2,1H3,(H,15,16)
Refractive Index	nD60 1.4305; nD70 1.4273
Storage Temperature	-20°C
Stability	Stable. Incompatible with strong oxidizing agents
Density	0.862
Solubility	1.07mg/l
Merck	14,6333
Melting Point	52-54 °C



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Specifications	Limits
FEMA	2764 MYRISTIC ACID
Water solubility	<0.1 g/100 mL at 18 ºC
Form	Flakes, Powder, Chunks or Crystalline Mass
BRN Number	508624
Boiling Point	250 °C/100 mm Hg
Color	White
Flash Point	>230 °F
Melting Point	53.9 °C
log P (octanol-water)	6.11
Boiling Point	326.2 °C
Henry's Law Constant	4.95E-07 atm-m ³ /mole
Water solubility	1.07 mg/L



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Specifications	Limits
Atmospheric OH Rate Constant	1.68E-11 cm ³ /molecule-sec



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