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Typical Product Specifications & Properties

RSPO Certified Caprylic Acid 99%

CAS Number: : 124-07-2

Specifications	Limits
Molecular weight	144.21
EINECS	204-677-5
SMILES	<chem>C(CCCCC)CC(O)=O</chem>
InChI	WWZKQHOCKIZLMA-UHFFFAOYSA-N
InChIKey	1S/C8H16O2/c1-2-3-4-5-6-7-8(9)10/h2-7H2,1H3,(H,9,10)
Solubility	0.68g/l
Melting Point	16 °C
Vapor Density	5
Flash Point	>230 °F
Color	Clear colorless to yellow
Refractive Index	1.428
BRN Number	1747180



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Specifications	Limits
Vapor Pressure	1 mm Hg (78 °C)
Merck	14,1765
Stability	Stable. Incompatible with bases, reducing agents, oxidizing agents. Flammable.
Form	Liquid
Density	0.91 g/mL at 25 °C
Water solubility	0.68 g/L (20 °C)
Storage Temperature	Store below +30°C.
FEMA	2799 OCTANOIC ACID
Boiling Point	237 °C
pKa Dissociation Constant	4.89
log P (octanol-water)	3.05
Henry's Law Constant	8.92E-07 atm-m ³ /mole



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Specifications	Limits
Water solubility	789 mg/L
Vapor Pressure	0.00371 mm Hg
Melting Point	16.3 ° C
Atmospheric OH Rate Constant	8.35E-12 cm ³ /molecule-sec
Boiling Point	239 ° C



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