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Typical Product Specifications & Properties

(CH₃CO)₂O

CAS Number: : 108-24-7

Specifications	Limits
Boiling Point	139.5 ° C
Vapor Pressure	5.1 mm Hg
Henry's Law Constant	5.71E-06 atm-m ³ /mole
Atmospheric OH Rate Constant	8.43E-14 cm ³ /molecule-sec
Melting Point	-7.30E+01 ° C
log P (octanol-water)	-0.580
Water solubility	1.20E+05 mg/L
Boiling Point	140 °C
Flash Point	130 °F
Melting Point	-73.1 °C
Merck	14&56
Water solubility	REACTS



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Specifications	Limits
Sensitive	Moisture Sensitive
Vapor Density	3.5
Stability	Stability Flammable. Incompatible with strong oxidizing agents & water & strong bases & alcohols.
BRN Number	385737
Vapor Pressure	10 mm Hg (36 °C)
Density	1.087
Solubility	Miscible with ether & chloroform and benzene.
Storage Temperature	Store at room temperature.
Refractive Index	1.390
EINECS	203-564-8
Molecular weight	102.0886
SMILES	<chem>C(OC(=O)C)(C)=O</chem>



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Specifications	Limits
InChIKey	1S/C4H6O3/c1-3(5)7-4(2)6/h1-2H3
InChI	WFDJRYMOXRFFG-UHFFFAOYSA-N



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