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Typical Product Specifications & Properties

Allene

CAS Number: : 463-49-0

Specifications	Limits
Molecular weight	40.06
EINECS	207-335-3
SMILES	C(=C)=C
InChI	1S/C3H4/c1-3-2/h1-2H2
InChIKey	IYABWNGZIDDRAK-UHFFFAOYSA-N
Atmospheric OH Rate Constant	9.84E-12 cm ³ /molecule-sec
Boiling Point	-3.44E+01 ° C
Melting Point	-1.36E+02 ° C
Vapor Pressure	5430 mm Hg
Water solubility	2150 mg/L
log P (octanol-water)	1.45
Henry's Law Constant	0.062 atm-m ³ /mole



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Specifications	Limits
Storage Temperature	2-8°C
Density	0,647 g/cm ³
Vapor Pressure	6795 mm Hg (21 °C)
Vapor Density	1.42 (20 °C, vs air)
Boiling Point	-34 °C
Melting Point	-136 °C



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