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## Typical Product Specifications & Properties

# Acetylene

CAS Number: : 74-86-2

Specifications	Limits
Molecular weight	26.04
InChI	1S/C2H2/c1-2/h1-2H
InChIKey	HSFWRNGVRCDJHI-UHFFFAOYSA-N
Molecular weight	27.03
SMILES	C#N
InChI	1S/CHN/c1-2/h1H
InChIKey	LELOWRISYMNNSU-UHFFFAOYSA-N
Water solubility	1.00E+06 mg/L
Vapor Pressure	742 mm Hg
Atmospheric OH Rate Constant	3.00E-14 cm <sup>3</sup> /molecule-sec
log P (octanol-water)	-0.25
Boiling Point	26 &deg; C



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Specifications	Limits
Henry's Law Constant	1.33E-04 atm-m <sup>3</sup> /mole
Melting Point	-1.34E+01 &deg; C



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