



www.parchem.com

## Typical Product Specifications & Properties

# Propylene oxide

CAS Number: : 75-56-9

Specifications	Limits
Freezing Point	-112.13?
Refractive Index	1.366
Density	0.83 g/mL at 25 &deg;C
Boiling Point	34 &deg;C
Merck	14,7856
Molecular weight	58.08
EINECS	200-879-2
SMILES	C1[C@H](O1)C
InChI	1S/C3H6O/c1-3-2-4-3/h3H,2H2,1H3
InChIKey	GOOHAUXETOMSMU-UHFFFAOYSA-N
Melting Point	-1.12E+02 &deg; C
Boiling Point	35 &deg; C



GET A QUICK QUOTE

415 Huguenot Street, New Rochelle, New York 10801



www.parchem.com



**parchem**  
fine & specialty chemicals

GIVE US A CALL  
800-282-3982  
914-654-6800

GET A QUICK QUOTE

Specifications	Limits
log P (octanol-water)	0.03
Water solubility	5.90E+05 mg/L
Henry's Law Constant	6.96E-05 atm-m <sup>3</sup> /mole
Atmospheric OH Rate Constant	5.20E-13 cm <sup>3</sup> /molecule-sec
Vapor Pressure	538 mm Hg
Water solubility	40 g/100 mL (20 °C)
BRN Number	79763
Stability	Stable. Incompatible with acids, bases, oxidizing agents, copper, copper alloys, brass, bronze, iron, metal chlorides, peroxides and a wide variety of other materials. Reacts with compounds containing labile hydrogen. Extremely flammable - note
Flash Point	-35 °F
Storage Temperature	Flammables area
Vapor Density	2
Melting Point	-112 °C



GET A QUICK QUOTE

415 Huguenot Street, New Rochelle, New York 10801

Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.



www.parchem.com



**parchem**  
fine & specialty chemicals

GIVE US A CALL  
800-282-3982  
914-654-6800

GET A QUICK QUOTE

Specifications	Limits
Vapor Pressure	29.43 psi ( 55 &deg;C)



GET A QUICK QUOTE

415 Huguenot Street, New Rochelle, New York 10801

Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.