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Typical Product Specifications & Properties

Acrolein

CAS Number: : 107-02-8

Specifications	Limits
Molecular weight	56.06
EINECS	203-453-4
InChI	1S/C3H4O/c1-2-3-4/h2-3H,1H2
InChIKey	HGINCPLSRVDWNT-UHFFFAOYSA-N
Vapor Density	1.94
Water solubility	Soluble. 21.25 g/100 mL
Stability	Stable, but very readily polymerizes. May have ca. 0.1% hydroquinone added as stabilizer. Flammable. Incompatible with oxidizing agents, reducing agents, oxygen, a variety of other chemicals, light. Very reactive with a wide variety of chemicals
Merck	14,128
Storage Temperature	2-8°C
Flash Point	-2 °F
Melting Point	-87 °C
Refractive Index	1.403



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Specifications	Limits
Vapor Pressure	4.05 psi (20 °C)
Density	0.839 g/mL at 25 °C
Boiling Point	53 °C



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