

SPECIFICATION

Acrolein

Parameters	Specification
Cas Number	107-02-8
Appearance	Colorless To Yellow Liquid
Uses	Biocide In Irrigation Canals; Intermediate For Methionine, Fragrances, Acrylic Acid; Historically Used In Chemical Warfare
Molecular Formula	C_3H_4O
Molecular Weight	56.06 G/Mol
Boiling Point	52–53 °C
Flash Point	–26 °C (Closed Cup)
Solubility	Appreciable In Water (~260 G/Kg); Miscible With Alcohols, Ethers, Hydrocarbons
Hazards	Extremely Flammable (H225); Toxic If Inhaled/Swallowed/Contact (H300, H311, H330); Causes Severe Burns (H314); Very Toxic To Aquatic Life (H410)
Purity	93-95%
Refractive Index	1.418 @ 20 °C

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