

Di-Methyl Acetamide (DMAC)

Specifications

CAS NO.

CAS NO.	127-19-5
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NATURE

NATURE	Clear, Colourless Liquid.
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PHYSICAL PROPERTIES

Empirical Formula	C ₃ H ₈ ON
Structural formula	(CH ₃) ₂ CONH ₂
Molecular Wt.	87.12
Sp. Gravity at 25 °C	0.945
Refractive Index	1.4350 - 1.4450
Boiling Point	166 °C
Freezing Point	-20 °C
Solubility in Water	Soluble
Flash Point(TOL)	70 °C
Autoignition Temperature	490 °C
Flammability Limits	L.E.L : 1.8 % H.E.L : 11.5 %
Vapour pressure at 25 °C mm of Hg	2.0
Distillation Range	160 - 165 °C
Critical Temperature	385 °C
Critical Pressure	39.7 Atm.

SPECIFICATIONS

Purity	99.7 % min
Water	0.2 % max
Other Impurities	0.3 % max

Colour(APHA)	10 max
Appearance	Clear, Colourless Liquid.
Acid(Acetic Acid)	0.1 % max

Applications

USES: Use in Acrylic fibre industry -As a solvent in the manufacture of Acrylic fibre.

Use in Polyester film industry -Solvent in the manufacture of polyester films.

Paint Remover Used as a solvent in Paint stripping because of its very rapid removal action

Use in the Drug Industry - Used both as a solvent as well as reactant in drug industry.

PACKING: The product can be despatched through Road Tankers (SS), small packing of 190 Kgs. UN Approved HDPE drums.

INDUSTRIES SERVED: Acrylic Fibre, Polyester Films, Drugs