

Product: Acetone

Technical Data Sheet

Property	Unit	Specification	Test Method
Appearance		Colourless, Transparent, No Foreign Matter	Visual
Purity	Wt%	Min. 99.60	GC
Water Content	Wt%	Max. 0.30	ASTM D1364
Permanganate Test (25°C)	Minutes	Min. 90	ASTM D1363
Specific Gravity (20/20°C)		0.789 – 0.793	ASTM D4052
Water Miscibility		Pass	ASTM D1722
Free Acid as Acetic Acid	Wt%	Max. 0.002	ASTM D1613
Non-Volatile Matter	Wt%	Max 0.0010	ASTM D1353
Distillation (760mmHg)	°C	Distilled entirely within 1.0°C range including 56.1°C	ASTM D1078
Color	Pt - Co	Max. 5	ASTM D1209

Description

Acetone, also known as Dimethyl Ketone (DMK) / 2-Propanone, is a colourless and a highly volatile liquid with a slight pungent odour. It is miscible in water, alcohols, and most hydrocarbons.

Chemicals Manufacture

Acetone is used as a raw material to produce Methyl Isobutyl Ketone (MIBK), Methyl Isobutyl Carbinol (MIBC), Methyl Methacrylate (MMA) and bisphenol-A

Coatings Industry

Acetone is used for cellulose acetate, nitrocellulose, lacquers, varnishes, paints, adhesives, etc.

Pharmaceutical and Cosmetics

Acetone is used as a dewatering agent in drugs production, formulation of nail polish and nail remover in cosmetic industries.

Other Applications

Acetylene in gas cylinder, cleaning and drying liquid for precision parts.

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