

**Product: Diacetone Alcohol (DAA)**


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**Technical Data Sheet**


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Property	Unit	Specification	Test Method
Color (Pt - Co)		Max 50	ASTM D1209
Specific Gravity (20/20 °C)		0.935 - 0.945	ASTM D4052
Distillation - IBP - DP	°C	Min 140 Max 172	ASTM D1078
Purity	Wt %	Min 98.0	GC
Water Content	Wt %	Max 0.50	ASTM D1364
Free Acid as Acetic Acid	Wt %	Max 0.02	ASTM D1613

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**Description**

Diacetone Alcohol (DAA) is an oxygenated solvent derived from acetone which has two alcohol and ketone functions. It has a high purity, colourless and odourless and has a low evaporation rate.

**Coatings and Paints**

Diacetone Alcohol is mainly used in paints and coatings in coil coatings, wood varnishes and architectural coatings.

It is used in cellulose ester lacquers, particularly of the brushing type, where it produces brilliant gloss and hard film and where its lack of odor is desirable.

It is used in lacquer thinners, dopes, wood stains, wood preservatives and printing pastes; in coating compositions for paper and textiles; permanent markers.

It is a good solvent for organic peroxides. It can also be used for the treatment of textiles and leather, in chemical synthesis or as a cleaning solvent.

**Other Applications**

It is used in making artificial silk and leather; in imitation gold leaf; in celluloid cements; as a preservative for animal tissue; in metal cleaning compounds; in the manufacture of photographic film; and in hydraulic brake fluids, where it is usually mixed with an equal volume of castor oil.

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