



Acetone

CAS Number	Formula
67-64-1	C ₃ H ₆ O or CH ₃ COCH ₃

Acetone (Dimethylketone) is a clear, colorless, liquid chemical with the formula CH₃COCH₃. It is a flammable, low toxic, water-miscible compound with a variety of everyday uses in industry, the laboratory, pharmaceuticals and the home.

SPECIFICATION

Acetone (Dry Basis)	99.97 wt%
Water	0.20 wt%
Permanganate Time	>120 min
Color (Pt/Co)	< 5
Acidity as Acetic Acid	7.0 wt ppm
Alkalinity as Ammonia	< 1.0 wt ppm
Iron	< 0.01wt ppm
Benzene	< 1.0 wt ppm
Specific Gravity @ 20/20°C	0.7917
Distillation Range at 760 mmHg	0.3 °C
Mesityl Oxide	< 1.0 wt ppm
Diacetone Alcohol	< 5 wt ppm
Methanol	184 wt ppm
Non-Volatile Matter	< 1.0 mg/100mL

MAJOR USE: Cleaning equipment or as a solvent during production or manufacturing. Also used with fats, oils, waxes, resins, rubber, plastics, lacquers, and varnishes. Acetone is an organic solvent which is most commonly used in pharmaceuticals.

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Disclaimer: The informative content of this technical data sheet has been compiled from the result of tests carried out in a laboratory, on a number of batches. The values quoted here are based on the average of the results obtained and is intended to offer an indication of the characteristics of the products, but in no way does it imply or impose any liabilities, whatsoever, upon us. To contemplate and decide the suitability of the product and the way of its use shall be the sole responsibility of the user. To contemplate and decide the suitability of the product and the way of its use shall be the sole responsibility of the user.