

## Methyl Ethyl Ketone (MEK)

Methyl ethyl ketone appears as colorless fairly volatile liquid with a pleasant pungent odor. MEK vapors are heavier than air. Does not react with water or many common materials. Stable in normal transportation. Irritates the nose, eyes, and throat. Combustion may produce toxic materials. Used as a solvent, for making other chemicals, and for production of wax from petroleum. 2-Butanone is a manufactured chemical but it is also present in the environment from natural sources. It is a colorless liquid with a sharp, sweet odor. It is also known as methyl ethyl ketone (MEK). 2-Butanone is produced in large quantities. Nearly half of its use is in paints and other coatings because it will quickly evaporate into the air and it dissolves many substances. It is also used in glues and as a cleaning agent. 2-Butanone occurs as a natural product. It is made by some trees and found in some fruits and vegetables in small amounts.

### Characteristics

Molar Weight 72.11 g/mol  
Melting Point -86.7°C  
Boiling Point 80.0°C  
Flash Point -8.9°C  
Density 0.806 g/cc  
Particle Size

### USES AND APPLICATIONS

#### Key applications

Printing & Inks  
Ink, toner and colourant  
Ceramics  
Cleaning products  
Adhesives and Sealants  
Solvents  
Rubber

#### Industries

Cleaning  
Coatings & Construction  
Water Treatment

Synonyms: 2-Butanone, METHYL ETHYL KETONE, Butan-2-one, Butanone, Ethyl methyl ketone, Methyl ethyl ketone, Meetco, Methyl acetone, Methyl ethyl ketone, 3-Butanone, ethylmethylketone, Butanone 2, Acetone, methyl-, Ethyl methyl cetone, MEK, Ketone, ethyl methyl, Metiletilchetone

CAS Number: 78-93-3

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