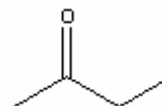




**Sasol Solvents**  
**Sales specification**

**Methyl ethyl ketone (MEK)**



<b>Chemical name</b>	2-butanone
<b>CAS number</b>	78-93-3
<b>Index number</b>	606-002-00-3
<b>EEC number</b>	201-159-0
<b>Molecular formula</b>	C <sub>4</sub> H <sub>8</sub> O
<b>Relative molecular weight</b>	72.11
<b>Product code</b>	2120

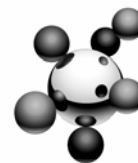
**Description** Methyl ethyl ketone of 99.75% mass purity

**Specifications**

<b>Properties</b>	<b>Units</b>	<b>Limits</b>	<b>Test Methods</b>		
			<b>ASTM</b>	<b>ISO</b>	<b>Other</b>
Appearance		Clear and free from suspended matter	D4176		Visual
Colour	Pt-Co	10 max	D1209	6271	
Water	mass %	0.05 max	D1364	760	
Acidity as CH <sub>3</sub> COOH	mg/kg	30 max	D1613	2887	
Methyl ethyl ketone (dry basis)	mass %	99.75 min			GC
Alcohol impurities	mass %	0.05 max			GC
Ethyl acetate	mass %	0.15 max			GC
Acetone	mass %	0.1 max			GC

**Further properties**

<b>Typical values</b>					
Density at 20 °C	g/ml	0.804-0.806	D4052	12185	
Distillation at 101.3 kPa:			D1078	918	
Initial boiling point	°C	79.0			
Dry point	°C	80.5			



Residue on evaporation	mass %	0.002	D1353	759	
Permanganate test at 25 °C	minutes	60	D1363	757/4	

(Revision 1: March 2005)

## Uses

### As a solvent in the following applications:

Lacquers, lacquer thinners, epoxy thinners, natural and synthetic resins, polyurethane adhesives, magnetic tapes, gums and rubbers, liquid printing inks, PVC cloth manufacture, cleaning agent for metal surfaces, and refining and dewaxing of mineral and lubricating oils.

### A raw material for the manufacture of:

MEK peroxide, MEK ketoxime, other fine chemicals and as extraction agent in the production of perfumes and pharmaceutical processes.

The Sales Specification values are continuously checked, documented and stored within the scope of quality assurance.

Further properties are of an informational nature only and are not checked regularly. If the Sales Specifications are complied with, it can generally be assumed that all further properties and typical data conform to the values given.

## Disclaimers

Because of the nature of our manufacturing processes, our products do not contain any plant and animal products.

It is the responsibility of our customers to determine that their use of our product(s) is safe, lawful and technically suitable in their intended applications. Because of possible changes in law and regulations, as well as possible changes in our products, we cannot guarantee that the status of this product will remain unchanged. We, therefore, recommend that customers continuing to use our products verify their status periodically.

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