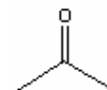




Sasol Solvents
Sales specification

Acetone



Chemical name	2-Propanone
CAS number	67-64-1
Index number	606-001-00-8
EEC number	200-662-2
Molecular formula	C ₃ H ₆ O
Relative molecular weight	58.08
Product code	2110

Description Acetone of 99.90 % mass purity

Specifications

Properties	Units	Limits	Test Methods		
			ASTM	ISO	Other
Appearance		Clear and free from suspended matter	D4176		Visual
Colour	Pt-Co	5 max	D1209	6271	
Acidity as CH ₃ COOH	mg/kg	20 max	D1613	2887	
Water	mass %	0.30 max	D1364	760	
Acetone (dry basis)	mass %	99.90 min			GC
Methanol and ethanol	mg/kg	200 max			GC
DAA	mg/kg	120 max			GC
Benzene	mg/kg	0.8 max			GC
MEK	mg/kg	20 max			GC

Further properties

Typical values					
Miscibility with water		No opalescence	D1722	1388-6	
Density at 20 ° C	g/ml	0.789-0.792	D4052	12185	



Distillation at 101.3 kPa:			D1078	918	
Initial boiling point	°C	55.8			
Dry point	°C	56.6			
Residue on evaporation	mg/kg	10	D1353	759	
Permanganate test at 25 °C	minutes	120	D1363	1388-12	

(Revision 4: January 2006)

Uses

As a solvent in the following applications:

Lacquers, lacquer thinners, liquid printing inks, nail polish removers, in the filling of acetylene cylinders, polyester resins, bituminous paints, PVC cloth manufacture, polyurethane, adhesives and explosives.

A raw material for the manufacture of:

Methyl iso-butyl ketone, di-acetone alcohol, hexylene glycol, methyl methacrylate and fine chemicals.

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.

Claims

Acetone complies with the current European, British and United States Pharmacopoeias' requirements

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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