

DRIVERON[®] S

CAS NO.

1634-04-4

APPLICATIONS & PROPERTIES

DRIVERON[®] S is a high-purity solvent which can be used in manufacturing process of Active Pharmaceutical Ingredients.

PRODUCT SPECIFIC FEATURE

DRIVERON[®] S is high-purity MTBE. It has a purity of minimum 99.9%.

APPLICATION FIELDS

Oxidation-stable solvent for the manufacturing process in the pharmaceutical industry.

TRANSPORT & LOGISTICS

The product is available in tank trucks, tank containers and barrels.

SUPPLY DATA

Property	Value	Unit	Method
Content of ether	min. 99.9	% (m/m)	GC: QS-AA 04-019 *
Hydrocarbons up to max C ₈	max. 0.02	% (m/m)	GC: QS-AA 04-019 *
tert.-Butanol	max. 0.025	% (m/m)	GC: QS-AA 04-019 *
Methanol	max. 0.01	% (m/m)	GC: QS-AA 04-019 *
Water	max. 100	mg/kg	AA-0785-04-033 *
Residue on evaporation	max. 1	mg/100 ml	DIN 53 172

* in-house method

PHYSICAL DATA (LITERATURE DATA)

Property	Value(ca.)	Unit
Molecular mass C ₅ H ₁₂ O	88.15	g/mol
Boiling point at 1013 hPa	55.3	°C
Relative density d ₄ ²⁰	0.7404	–
Solidification point	- 108.6	°C
Heat of evaporation at 55.3 °C	336.8	kJ/kg
Evaporation index (diethyl ether = 1)	1.5	–
Viscosity at 20 °C	0.36	mPa s
	0.49	mm ² /s
Dielectric conductivity at 20 °C	4.5	–
Refractive index n _D ²⁰	1.369	–
Specific conductivity at 20 °C	7.95 * 10 ⁻⁷	μS/cm
Surface tension at 20°C	20	mn/m

VAPOUR PRESSURE (FROM LITERATURE)

°C	-10	0	10	20	30	40
hPa	70.7	120.6	194.5	298.9	441.0	628.1

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