

CAS NO.

1634-04-4

APPLICATIONS & PROPERTIES**DRIVERON® T is a high-purity MTBE for use in technical applications****PRODUCT SPECIFIC FEATURE**

DRIVERON® T is a high-purity MTBE. It has a purity of minimum 99.7%.

TRANSPORT & LOGISTICS

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

APPLICATION FIELDS

1. Denaturing of ethanol
2. As blend component of fuels
3. Solvents and extractants
4. As entrainer of drying alcohols
5. As alkylating agent

SUPPLY DATA

Property	Value	Unit	Method
Content of ether	min. 99.7	% (m/m)	GC: QS-AA 04-019 *
Hydrocarbons up to max C ₈	max. 0.05	% (m/m)	GC: QS-AA 04-019 *
tert.-Butanol	max. 0.05	% (m/m)	GC: QS-AA 04-019 *
Methanol	max. 0.015	% (m/m)	GC: QS-AA 04-019 *
Water	max. 200	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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