

Methyl tertiary butyl ether (MTBE)

PRODUCTION:

MTBE is produced by etherification of isobutane with methanol.

DESCRIPTION:

MTBE is clear liquid, easily soluble in gasoline. With hydrocarbons, it produces the azeotropic mixture, and its evaporating properties are the same as those of light gasoline components.

SPECIFIED PROPERTIES:

PROPERTY	TEST METHOD	UNIT	VALUE
MTBE content	Internal method 2.01.01	% (m/m)	min 95,5
methanol content	Internal method 2.01.01	% (m/m)	max 4,5
Linear butene content	Internal method 2.01.01	% (m/m)	max 0,5
Humidity content	ASTM D 1744	ppm (m/m)	max 500
Sulphur	ASTM D 3246	mg/kg	max 10
Density on 20 °C	ASTM D 1298	kg/m ³	740
Vapour pressure on 20 °C*	*	KPa	26,66*
Boiling point*	ASTM D 1078	°C	55,3*
Heat of combustion*	*	Kj/kg	38217*

*Literature data

The values given in the table please use only as information.

APPLICATION:

MTBE is mostly used as an additive for motor gasoline, as well as a raw material in the chemical and petrochemical industries.



PETROHEMIJA

BAZNI PROIZVODI

STORAGE:

MTBE is stored in cylindrical tanks with floating roofs, provided with drainage holes on the roof and in the bottom, as well as with fireproof system. These tanks have temperature, level, and high level indicators installed.

TRANSPORTATION:

MTBE is with no limits stable during storage and manipulating. It is transported by rail or road tank cars, or in barrels taking precautions required for the transportation of flammable liquids.

REACH:

„HIP Petrohemija“ a.d., Pančevo, Serbia, with applying the existing standards ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 and ISO 50001:2011 follows completely the highest standards by which there are regulated human health and safety protection and environmental protection and herewith expresses its intention to meet all the requirements which are prescribed by REACH regulation.

Registration of all the substances of potential export interest has been made with European Agency for Chemicals in Helsinki, in accordance with the prescribed deadlines, therefore in this way it enables further undisturbed placement and sale of „HIP Petrohemija“ a.d., products without any limits at EU Market.

As the only representative for „HIP Petrohemija“ a.d. in EU, pursuant to Article 8. of REACH regulation, there has been designated **REACHLaw Ltd., Helsinki, Finland.**

CONTACT:

Sale:

T: +381 13 307 216

F: +381 13 351 407

E: olefins.sales@hip-petrohemija.rs

Technical informations:

T: +381 13 307 097

F: +381 13 313 806

E: lab@hip-petrohemija.rs