

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	In house method 2.01.01	% (m/m)	min 95.5
Methanol	In house method 2.01.01	% (m/m)	max 4.0
tert-Butanol	In house method 2.01.01	% (m/m)	max 0.5
Butenes	In house method 2.01.01	% (m/m)	max 0.2
Diisobutenes	In house method 2.01.01	% (m/m)	max 1.3
Water	ASTM E 203	ppm (m/m)	max 500
Sulphur*	ASTM D 3246	mg/kg	max 10

*Sulphur content is available on request.

The values given in the table are specified and used only as information.

APPLICATION:

MTBE is mostly used as an additive for motor gasoline.



PETROHEMIJA

BAZNI PROIZVODI

STORAGE:

MTBE is stored in standing, cylindrical, atmospheric tank. The pressure in the tank regulates respiration – flameless armature. Sprinkling system is used to prevent heating against solar radiation.

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 with applying the existing standards ISO 9001, ISO 14001, ISO 45001 and ISO 50001 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's products without any limits at EU Market.

As the only representative for HIP-Petrohemija in EU, pursuant to Article 8. of REACH regulation, there has been designated REACHLaw ltd., Finland.

CONTACT:

Sale:

T: +381 13 307 049

F: +381 13 351 407

E: olefins.sales@hip-petrohemija.rs

Technical information:

T: +381 13 307 097

F: +381 13 313 806

E: lab@hip-petrohemija.rs