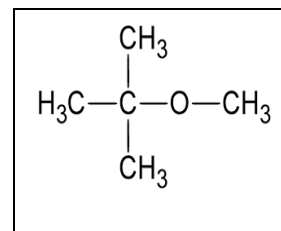




**MARLESHWAR
INTERNATIONAL**

**MTBE
(METHYL – TERT – BUTYL ETHER)**



Synthesis of methyl –tert –butyl ether (MTBE) from methanol and isobutylene is an equilibrium exothermic reaction proceeding in the presence of acid – type catalyst – a sulfonated styrene – divinylbenzene copolymer.

The main reaction of methyl – tert – butyl ether (MTBE) production is catalytic alkylation of methanol by isobutylene.

APPEARANCE : transparent , colorless liquid with aromatic fragrance without mechanical admixtures.

APPLICATION: It is used as a high – octane component for unleaded ecologically friendly gasoline manufacture . As a result of precise fractionation conducting high purity concentrated MTBE is obtained that is used in pharmacology. Its composition is provided in the following specification :

SR.NO	PARAMETER	STANDARD
01.	Appearance	transparent, colorless liquid
02.	Main substance content ,MTBE, % ,min	99.9
03.	C ₄ hydrocarbons content , %, max	0.04
04.	Other ethers content,% max	0.05
05.	Pt-Co (APHA) color , units of color , max	15

SAFETY REGULATIONS

It belongs to low hazardous materials(4-th Class of Hazard)

TRANSPORTATION

The product is transported in rail and road tank cars or in metal drums of 50/100/800 litre.

STORAGE

Store in metal vessels under nitrogen cushion, containing max 0.1% Oxygen, with a handling mark “Afraid of sunlight”.

**GUARANTEED SHELF
LIFE**

1 (one) year from the date of production.