

Errata for Impact of Renewable Fuels Standard/MTBE Provisions of S. 1766

March 25, 2002

In the third paragraph of page 3, the text is revised as follows:

“Of these States, only Arizona, California, Connecticut, and New York currently rely on MTBE as an oxygenate for RFG.¹”

In the second paragraph of page 5, the text is revised as follows:

“In addition to being more volatile than MTBE, ethanol contains more oxygen. As a result, only about half as much ethanol is needed to produce the same oxygen level in RFG that is provided by MTBE. If banned, MTBE is likely to be replaced by a lesser volume of ethanol, resulting in a “volume loss.” Ethanol is slightly higher in octane than MTBE is, but because only one-half as much ethanol is required for oxygen, a net loss in octane may occur when ethanol is used to replace MTBE. Blending with ethanol also results in a slight increase in emissions of toxics, which must be compensated by other blending changes in order to comply with “antibacksliding” regulations under MSAT.”

In the first paragraph of page 6, the text is revised as follows: “Ethanol can only partially compensate for these blending qualities and often is more expensive to use than MTBE when taking into account the blending characteristics and transportation costs.”

In the first paragraph of page 8, the text is revised as follows:

“Ethanol blended RFG is assumed to contain 5.7 percent ethanol, the minimum amount required to meet the oxygen requirement. Beyond this amount of ethanol blending, refiners would have to further reduce toxic levels in the blendstock in order to achieve the toxics requirements of the Complex Model.”

In the first paragraph of page 15, the description of the distillation index is revised as follows: “The spread between these vaporization points enables the gasoline to be effective in both cold start and warm start situations (when the engine has already been heated).”

¹ Arizona has a State reformulated gasoline program which is referred to in Figure 1. as AZ CBG, an abbreviation for Arizona cleaner burning gasoline.