of reduced rates of tax on a removal or entry of gasohol or of gasoline used to produce gasohol. Rules are also provided for the imposition of tax on the separation of gasoline from gasohol and the failure to use gasoline that has been taxed at a reduced rate to produce gasohol.

(b) Explanation of terms—(1) Alcohol—(i) In general; source of the alcohol. Except as provided in paragraph (b)(1)(ii) of this section, alcohol means any alcohol that is not a derivative product of petroleum, natural gas, or coal (including peat). Thus, the term includes methanol and ethanol that are not derived from petroleum, natural gas, or coal (including peat). The term also includes alcohol produced either within or outside the United States.

(ii) Proof and denaturants. Alcohol does not include alcohol with a proof of less than 190 degrees (determined without regard to added denaturants). If the alcohol added to a fuel/alcohol mixture (the added alcohol) includes impurities or denaturants, the volume of alcohol in the mixture is determined under the following rules:

(A) The volume of alcohol in the mixture includes the volume of any impurities (other than added denaturants and any fuel with which the alcohol is mixed) that reduce the purity of the added alcohol to not less than 190 proof (determined without regard to added denaturants).

(B) The volume of alcohol in the mixture includes the volume of any approved denaturants that reduce the purity of the added alcohol, but only to the extent that the volume of the approved denaturants does not exceed five percent of the volume of the added alcohol (including the approved denaturants). If the volume of the approved denaturants exceeds five percent of the volume of the added alcohol, the excess over five percent is considered part of the nonalcohol content of the mixture.

(C) For purposes of this paragraph (b)(1)(ii), approved denaturants are any denaturants (including gasoline and nonalcohol fuel denaturants) that reduce the purity of the added alcohol and are added to such alcohol under a formula approved by the Secretary.

(iii) Products derived from alcohol. If alcohol described in paragraphs (b)(1)(i) and (ii) of this section has been chemically transformed in producing another product (that is, the alcohol is no longer present as a separate chemical in the other product) and there is no significant loss in the energy content of the alcohol, any mixture containing the product includes the volume of alcohol

used to produce the product. Thus, for example, a mixture of gasoline and ethyl tertiary butyl ether (ETBE), or of gasoline and methyl tertiary butyl ether (MTBE), includes any alcohol described in paragraphs (b)(1)(i) and (ii) of this section that is used to produce the ETBE or MTBE, respectively, in a chemical reaction in which there is no significant loss in the energy content of the alcohol.

(2) Gasohol—(i) In general—(A) Gasohol is a mixture of gasoline and alcohol that is 10 percent gasohol, 7.7 percent gasohol, or 5.7 percent gasohol. The determination of whether a particular mixture is 10 percent gasohol, 7.7 percent gasohol, or 5.7 percent gasohol is made on a batch-by-batch basis. A batch of gasohol is a discrete mixture of gasoline and alcohol.

(B) If a particular mixture is produced within the bulk transfer/terminal system (for example, at a refinery), the determination of whether the mixture is gasohol is made at the time of the taxable removal or entry of the mixture.

(C) If a particular mixture is produced outside of the bulk transfer/terminal system (for example, by splash blending after the gasoline has been removed from the terminal at the rack), the determination of whether the mixture is gasohol is made immediately after the mixture is produced. In such a case, the contents of the batch typically correspond to a gasoline meter delivery ticket and an alcohol meter delivery ticket, each of which shows the number of gallons of liquid delivered into the mixture. The volume of each component in a batch (without adjustment for temperature) ordinarily is determined by the number of metered gallons shown on the delivery tickets for the gasoline and alcohol delivered. However, if metered gallons of gasoline and alcohol are added to a tank already containing more than a minor amount of liquid, the determination of whether a batch satisfies the alcohol-content requirement will be made by taking into account the amount of alcohol and nonalcohol fuel contained in the liquid already in the tank. Ordinarily, any amount in excess of 0.5 percent of the capacity of the tank will not be considered minor.

(ii) 10 percent gasohol—(A) In general. A batch of gasoline/alcohol mixture is 10 percent gasohol if it contains at least 9.8 percent alcohol by volume, without rounding.

(B) Batches containing less than 10 percent but at least 9.8 percent alcohol. If a batch of mixture contains less than 10 percent alcohol but at least 9.8 percent alcohol, without rounding, only a portion of the batch is considered to be 10 percent gasohol. That portion

equals the number of gallons of alcohol in the batch multiplied by 10. Any remaining liquid in the mixture is excess liquid.

(iii) 7.7 percent gasohol—(A) In general. A batch of gasoline/alcohol mixture is 7.7 percent gasohol if it contains less than 9.8 percent alcohol but at least 7.55 percent alcohol by volume, without rounding.

(B) Batches containing less than 7.7 percent but at least 7.55 percent alcohol. If a batch of mixture contains less than 7.7 percent alcohol but at least 7.55 percent alcohol, without rounding, only a portion of the batch is considered to be 7.7 percent gasohol. That portion equals the number of gallons of alcohol in the batch multiplied by 12.987. Any remaining liquid in the mixture is excess liquid.

(iv) 5.7 percent gasohol—(A) In general. A batch of gasoline/alcohol mixture is 5.7 percent gasohol if it contains less than 7.55 percent alcohol but at least 5.59 percent alcohol by volume, without rounding.

(B) Batches containing less than 5.7 percent but at least 5.59 percent alcohol. If a batch of mixture contains less than 5.7 percent alcohol but at least 5.59 percent alcohol, without rounding, only a portion of the batch is considered to be 5.7 percent gasohol. That portion equals the number of gallons of alcohol in the batch multiplied by 17.544. Any remaining liquid in the mixture is excess liquid.

(v) Tax on excess liquid. If tax was imposed on the excess liquid in any gasohol at the gasohol production tax rate (as defined in paragraph (e)(1) of this section), the excess liquid in the batch is considered to be gasoline with respect to which there is a failure to blend into gasohol for purposes of paragraph (f) of this section. If tax was imposed on the excess liquid at the rate of tax described in section 4081(a), a credit or refund under section 6427(f) is not allowed with respect to the excess liquid.

(vi) Examples. The following examples illustrate this paragraph (b)(2). In these examples, a gasohol blender creates a gasoline/alcohol mixture by pumping a specified amount of gasoline into an empty tank and then adding a specified amount of alcohol.

Example 1. Mixtures containing exactly 10 percent alcohol. The applicable delivery tickets show that the mixture is made with 7200 metered gallons of gasoline and 800 metered gallons of alcohol. Accordingly, the mixture contains 10 percent alcohol (as determined based on the delivery tickets provided to the blender) and qualifies as 10 percent gasohol.

Example 2. Mixtures containing less than 10 percent alcohol but at least 9.8 percent