§ 19.386 Adjusting pH of denatured spirits.

A proprietor may add trace amounts of acidic or caustic chemical compounds to adjust or neutralize the pH of denatured spirits. However, a proprietor may not adjust the pH with any substance that will counteract or reduce the effect of the denaturants. A proprietor who adjusts the pH of denatured spirits must keep a record of the adjustment with reference to the formula number of the treated denatured spirits. The record must include the kinds and quantities of chemical compounds used for each batch of denatured spirits treated.

(26 U.S.C. 5241, 5242)

§ 19.387 Ensuring the quality of denaturants.

(a) General. Proprietors must ensure that the materials they receive for use in denaturing conform to the specifications prescribed in part 21 of this chapter. In addition, the appropriate TTB officer may require that a proprietor test the quality of denaturants at any time.

(b) Testing. A proprietor must comply with the following when testing a lot of denaturants:

(1) Sampling denaturants. Proprietors must use good commercial practice when taking samples of denaturants for quality assurance testing. Samples of denaturants must be representative of the lot being sampled.

(2) Third party testing. A proprietor may employ an outside laboratory or other appropriate third party to test samples of denaturants. In the case of a third party test, the proprietor must obtain a copy of the analysis or statement of findings signed by the chemist who performed the test. On request, the proprietor must provide to the appropriate TTB officer samples of denaturants for quality control testing in a Government laboratory.

(c) Substandard denaturants. If TTB or a proprietor finds that a material does not conform to the specifications for a denaturant prescribed in part 21 of this chapter, the proprietor must immediately terminate use of the substandard material as a denaturant. However, the proprietor may continue to use the material as a denaturant after treating or reprocessing the substandard material to correct the deficiency and bring the material into conformity with the applicable specifications.

(26 U.S.C. 5242)

RULES FOR STORING DENATURED SPIRITS AND FILLING CONTAINERS

§ 19.388 Storing denatured spirits.

(a) Bonded storage. A proprietor must store on bonded premises all denatured spirits produced, received in bond, or received by return to bond.

(b) Storage methods. A proprietor may store denatured spirits on bonded premises in any appropriate tank, package or container authorized for filling with denatured spirits. The proprietor must store containers of denatured spirits in a manner that allows for easy inspection and inventory of the denatured spirits by TTB officers. A proprietor must store portable containers of denatured spirits within a building or structure that protects the spirits from unauthorized access. A proprietor may apply to the appropriate TTB officer for authorization to store containers of denatured spirits in an alternative manner in accordance with §19.27.

(c) Tank Records. A proprietor must maintain a record for tanks in which denatured spirits are stored in accordance with §19.606.

(26 U.S.C. 5201)

§ 19.389 Filling containers from tanks.

(a) Filling portable containers. A proprietor may fill portable containers with denatured spirits from tanks on the bonded premises.

(b) Accounting for denatured spirits in filling operations. In performing filling operations under paragraph (a) of this section, a proprietor must:

(1) Gauge the denatured spirits remaining in the tanks at the end of each filling operation;

(2) Maintain a record of each gauge and document the quantity of denatured spirits drawn from the tank during each filling operation; and

(3) Make a record of any spirits lost during the filling operation.
§ 19.392 Converting denatured alcohol to a different formula.
(a) General. A proprietor may convert specially denatured alcohol (SDA) from one formula of SDA to another formula of SDA if the resultant mixture contains only alcohol and the denaturants listed for an approved SDA formula and in the correct concentrations, as set forth in part 21 of this chapter. Such converted SDA may be used only as authorized in part 21 of this chapter.

(b) Converting SDA to SDA Formula No. 1—(1) All SDA other than SDA Formulas No. 3–A and No. 30. A proprietor may convert any SDA, other than SDA produced under Formulas No. 3–A and No. 30, into SDA Formula No. 1 by adding methyl alcohol and any one of the other alternative denaturants listed in §21.32 of this chapter in accordance with the formulation prescribed in that section.

(2) SDA Formulas No. 3–A and No. 30. SDA Formulas No. 3–A and No. 30 specify more methyl alcohol than is specified for SDA Formula No. 1. Therefore, in order to convert SDA produced under Formulas No. 3–A or No. 30 into SDA under Formula No. 1, a proprietor must first add a sufficient amount of ethyl alcohol to the SDA in question to bring the methyl alcohol content to the proportion prescribed for SDA Formula No. 1. After adjusting the proportion of methyl alcohol, the proprietor must add the specified amount of any one of the other alternative denaturants listed in §21.32 of this chapter.

(c) Converting SDA to SDA Formula No. 29. A proprietor may convert any SDA into SDA Formula No. 29 by adding the amount of acetaldehyde or ethyl acetate specified in §21.56 of this chapter. However, due to the presence of other denaturants from the original formula, SDA under Formula No. 29 that has been converted from another SDA formula may be used only as authorized in §21.56(b) but not in the manufacture of vinegar, drugs or medicinal chemicals, and the conditions governing use provided in §21.56(c) will apply.

(d) Other conversions of SDA. If a proprietor wishes to make an SDA formula conversion other than one authorized in paragraph (a), (b), or (c) of this section, the proprietor must obtain approval from the appropriate TTB officer prior to the conversion.

(e) Conversions to completely denatured alcohol. A proprietor may convert any SDA from a formula that does not contain methyl alcohol or wood alcohol to any one of the completely denatured alcohol (CDA) formulas prescribed in subpart C of part 21 of this chapter, by adding the denaturants specified for CDA.

(26 U.S.C. 5242)