

**§ 20.101 Drafting formulas.**

(a) In preparing Form 5150.19, the manufacturer shall, for each ingredient containing ethyl alcohol, identify—

(1) The percent alcohol by volume of the ingredient, if known, and

(2) The supplier's name and serial number or approval date of the supplier's approved formula covering the manufacture of the ingredient.

(b) In preparing Form 5150.19, manufacturers may—

(1) Identify ingredients by generic names rather than brand names, and

(2) Identify quantities of ingredients used in ranges rather than in finite quantities.

(c) If ranges of ingredients are used, as authorized by paragraph (b)(2) of this section—

(1) The lower range shall not be zero for any ingredient, and

(2) The range for usage of specially denatured spirits shall not exceed  $\pm 5\%$ .

**§ 20.102 Bay rum, alcoholado, or alcoholado-type toilet waters.**

All bay rum, alcoholado, or alcoholado-type toilet waters made with specially denatured alcohol shall contain:

(a) 1.10 grains of benzyldiethyl (2:6-xylylcarbonyl methyl) ammonium benzoate (Bitrex (THS-839)) in each gallon of finished product in addition to any of this material used as a denaturant in the specially denatured alcohol, or

(b) 32 grains of tartar emetic in each gallon of finished product, or

(c) 0.5 avoirdupois ounce of sucrose octaacetate in each gallon of finished product.

**§ 20.103 Articles made with S.D.A. Formula No. 39-C.**

Each article made with S.D.A. Formula No. 39-C shall contain in each gallon of finished product not less than 2 fluid ounces of perfume material (essential oils, isolates, aromatic chemicals, etc.) satisfactory to the appropriate TTB officer.

**§ 20.104 Residual alcohol in spirit vinegar.**

Commercial strength (40 grain) vinegar made from specially denatured alcohol may contain trace amounts of re-

sidual alcohol, not to exceed 0.5 percent of alcohol by volume, in the finished product.

## GENERAL-USE FORMULAS

**§ 20.111 General.**

(a) An approved formula on Form 5150.19 is not required for an article made in accordance with any approved general-use formula prescribed by §§ 20.112 through 20.119, approved by the appropriate TTB officer as an alternate method, or published as a TTB ruling in the TTB Bulletin.

(b) Any interested party may petition TTB for approval of a new general-use formula by submitting a letter describing the proposed general-use formula to the appropriate TTB officer.

(Approved by the Office of Management and Budget under control number 1512-0336)

**§ 20.112 Special industrial solvents general-use formula.**

(a) A special industrial solvent is any article made with any other ingredients combined with the ingredients in the minimum ratios prescribed in this section. A special industrial solvent shall be made with S.D.A. Formula No. 1, 3A, or 3C containing, for every 100 parts (by volume) of alcohol:

(1) No less than 1 part (by volume) of one or any combination of the following: methyl isobutyl ketone, methyl *n*-butyl ketone, nitropropane (mixed isomers), or ethylene glycol monoethyl ether, and

(2) No less than 5 parts (by volume) of one or any combination of the following: ethyl acetate (equivalent to 85% ester content, as defined in § 21.106 of this chapter), isopropyl alcohol, or methyl alcohol.

(b) Special industrial solvents are intended for use as ingredients or solvents in manufacturing processes and shall not be distributed through retail channels for sale as consumer commodities for personal or household use. When a special industrial solvent is used in the manufacture of an article for sale, sufficient ingredients shall be added to definitely change the composition and character of the special industrial solvent. A special industrial solvent shall not be reprocessed into another solvent intended for sale if the