

**§ 21.50**

812. Product development and pilot plant uses (own use only).

**§ 21.50 Formula No. 25.**

(a) *Formula.* To every 100 gallons of alcohol add:

Twenty pounds of iodine, U.S.P., and 15 pounds of either potassium iodide, U.S.P., or sodium iodide, U.S.P.

(b) *Authorized uses.* (1) As a solvent:

230. Tinctures of iodine.  
249. Miscellaneous external pharmaceuticals, U.S.P. or N.F.

(2) Miscellaneous uses:

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**§ 21.51 Formula No. 25-A.**

(a) *Formula.* To every 100 gallons of alcohol add:

A solution composed of 20 pounds of iodine, U.S.P.; 15 pounds of either potassium iodide, U.S.P., or sodium iodide, U.S.P.; and 15 pounds of water.

(b) *Authorized uses.* (1) As a solvent:

230. Tinctures of iodine.  
249. Miscellaneous external pharmaceuticals, U.S.P. or N.F.

(2) Miscellaneous uses:

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**§ 21.52 Formula No. 27.**

(a) *Formula.* To every 100 gallons of alcohol add:

One gallon of rosemary oil, N.F. XII, and 30 pounds of camphor, U.S.P.

(b) *Authorized uses.* (1) As a solvent:

210. External pharmaceuticals, not U.S.P. or N.F.  
243. Liniments, U.S.P. or N.F.

(2) Miscellaneous uses:

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**§ 21.53 Formula No. 27-A.**

(a) *Formula.* To every 100 gallons of alcohol add:

Thirty-five pounds of camphor, U.S.P., and 1 gallon of clove oil, N.F.

(b) *Authorized uses.* (1) As a solvent:

210. External pharmaceuticals, not U.S.P. or N.F.

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410. Disinfectants, insecticides, fungicides, and other biocides.

(2) Miscellaneous uses:

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**§ 21.54 Formula No. 27-B.**

(a) *Formula.* To every 100 gallons of alcohol add:

One gallon of lavender oil, N.F., and 100 pounds of green soap, U.S.P.

NOTE. The requirements of this formula may be met by adding 1 gallon of lavender oil, N.F., and 66.5 pounds of U.S.P. quality soap concentrate containing 25 percent water to 100 gallons of alcohol and, after mixing, by adding thereto 33.5 pounds of water and again mixing.

(b) *Authorized uses.* (1) As a solvent:

141. Shampoos.  
210. External pharmaceuticals, not U.S.P. or N.F.  
243. Liniments, U.S.P. or N.F.  
410. Disinfectants insecticides, fungicides, and other biocides.

(2) Miscellaneous uses:

812. Product development and pilot plant uses (own use only).

**§ 21.55 Formula No. 28-A.**

(a) *Formula.* To every 100 gallons of alcohol add:

One gallon or any combination totaling 1 gallon of either gasoline, unleaded gasoline, heptane, or rubber hydrocarbon solvent.

(b) *Authorized uses.* (1) As a fuel:

611. Automobile and supplementary fuels.  
612. Airplane and supplementary fuels.  
613. Rocket and jet fuels.  
620. Proprietary heating fuels.  
630. Other fuel uses.

(2) Miscellaneous uses:

812. Product development and pilot plant uses (own use only).

**§ 21.56 Formula No. 29.**

(a) *Formula.* To every 100 gallons of alcohol add:

One gallon of 100 percent acetaldehyde or 5 gallons of an alcohol solution of acetaldehyde containing not less than 20 percent acetaldehyde, or 1 gallon of ethyl acetate having an ester content of 100 percent, or, where approved by the appropriate ATF officer, as to material and quantity, not less