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

(2) Miscellaneous uses:

§ 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:

§ 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:

§ 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 TTB officer, as to material and quantity, not less than 6.8 pounds if solid, or 1 gallon if liquid, of any chemical. When material other than acetaldehyde or ethyl acetate is proposed to be used, the user shall submit an application for such use to the appropriate TTB officer. The application shall include specifications, assay methods, and an 8-ounce sample of the substitute material for analysis.

(b) Authorized uses. (1) As a raw material:

511. Vinegar.
512. Acetic acid.
521. Ethyl acetate.
522. Ethyl chloride.
523. Other ethyl esters.
530. Ethylamines.
540. Dyes and intermediates.
551. Acetaldehyde.
552. Other aldehydes.
561. Ethyl ether.
562. Other ethers.
571. Ethylene dibromide.
572. Ethylene gas.
573. Xanthates.
575. Drugs and medicinal chemicals.
579. Other chemicals.
580. Synthetic rubber.
590. Synthetic resins.

(2) Miscellaneous uses:

§ 21.57 Formula No. 30.

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

Ten gallons of methyl alcohol.

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

011. Cellulose coatings.
012. Synthetic resin coatings.
021. Cellulose plastics.
022. Non-cellulose plastics, including resins.
031. Photographic film and emulsions.
035. Soldering flux.
036. Adhesives and binders.
042. Solvents and thinners (other than proprietary solvents or special industrial solvents).
051. Polishes.
052. Inks (not including meat branding inks).
053. Stains.
142. Soap and bath preparations.
331. Processing pectin.
332. Processing other food products.
341. Processing crude drugs.
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(2) As a raw material:

571. Ethylene dibromide.
572. Ethylene gas.
575. Drugs and medicinal chemicals.
579. Other chemicals.
580. Synthetic rubber.
590. Synthetic resins.

(3) As a fluid in:

131. Tooth paste and tooth powder.
141. Shampoos.
151. Tissues and creams (hands, face, and body).
131. Tooth paste and tooth powder.
141. Shampoos.

2. Miscellaneous uses:

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

§ 21.59 Formula No. 32.

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

Five gallons of ethyl ether.

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

552. Ethyl chloride.
553. Ethylene dibromide.
554. Ethylene gas.
557. Drugs and medicinal chemicals.
559. Other chemicals.
561. Ethyl cellulose compounds.
562. Other ethers.
575. Drugs and medicinal chemicals.
579. Other chemicals.
580. Synthetic rubber.

(2) Miscellaneous uses:

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

§ 21.60 Formula No. 33.

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

Thirty pounds of gentian violet or gentian violet, U.S.P.

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

552. Inks (not including meat branding inks).
210. External pharmaceuticals, not U.S.P. or N.F.
249. Miscellaneous external pharmaceuticals, U.S.P. or N.F.

(2) Miscellaneous uses:

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

(c) Conditions governing use. Meat branding inks made with Formula No. 33 do not meet U.S. Department of Agriculture meat inspection specifications for use in Federally inspected establishments. Specially denatured alcohol Formulas No. 3–A, 3–C, and 23–A are authorized for this purpose.

§ 21.61 Formula No. 35.

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