

§ 21.50

§ 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:

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

§ 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:

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

§§ 21.52-21.54 [Reserved]

§ 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

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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:

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

(c) *Conditions governing use.* This formula is restricted to processes in which the alcohol loses its identity by being converted into other chemicals.

§ 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.