

§ 21.43

- 344. Processing medicinal chemicals (including alkaloids).
- 358. Processing other chemicals.
- 359. Processing miscellaneous products.

(2) As a raw material:

- 575. Drugs and medicinal chemicals.
- 579. Other chemicals.

(3) Miscellaneous uses:

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

§ 21.43 Formula No. 18.

(a) *Formula.* To every 100 gallons of alcohol of not less than 160 proof add:

One hundred gallons of vinegar of not less than 90-grain strength or 150 gallons of vinegar of not less than 60-grain strength.

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

- 511. Vinegar.

(2) Miscellaneous uses:

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

§ 21.44 Formula No. 19.

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

One hundred gallons of ethyl ether.

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

- 031. Photographic film and emulsions.
- 034. Cellulose intermediates and industrial collodions.
- 241. Collodion, U.S.P.

(2) Miscellaneous uses:

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

§ 21.45 Formula No. 20.

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

Five gallons of chloroform.

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

- 579. Miscellaneous chemicals (chloroform).

(2) Miscellaneous uses:

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

§ 21.46 Formula No. 22.

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

Ten gallons of formaldehyde solution, U.S.P.

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

- 420. Embalming fluids and related products.
- 430. Sterilizing and preserving solutions.
- 470. Theater sprays, incense, and room deodorants.

(2) Miscellaneous uses:

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

§ 21.47 Formula No. 23-A.

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

Eight gallons of acetone, U.S.P.

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

- 011. Cellulose coatings.
- 012. Synthetic resin coatings.
- 013. Shellac coatings.
- 014. Other natural resin coatings.
- 015. Candy glazes.
- 016. Other coatings.
- 032. Transparent sheeting.
- 034. Cellulose intermediates and industrial collodions.
- 035. Soldering flux.
- 036. Adhesives and binders.
- 042. Solvents and thinners (other than proprietary solvents or special industrial solvents).
- 052. Inks (including meat branding inks).
- 053. Stains (wood, etc.).
- 111. Hair and scalp preparations.
- 112. Bay rum.
- 113. Lotions and creams (hand, face, and body).
- 114. Body deodorants and deodorant creams.
- 141. Shampoos.
- 142. Soaps and bath preparations.
- 210. External pharmaceuticals, not U.S.P. or N.F.
- 244. Antiseptic solutions, U.S.P. or N.F.
- 249. Miscellaneous external pharmaceuticals, U.S.P. or N.F.
- 331. Processing pectin.
- 332. Processing other food products.
- 341. Processing crude drugs.
- 342. Processing glandular products, vitamins, hormones, and yeasts.
- 343. Processing antibiotics and vaccines.
- 344. Processing medicinal chemicals (including alkaloids).
- 345. Processing blood and blood products.
- 349. Miscellaneous drug processing (including manufacture of pills).
- 358. Processing other chemicals.
- 359. Processing miscellaneous products.
- 410. Disinfectants, insecticides, fungicides, and other biocides.
- 420. Embalming fluids and related products.
- 430. Sterilizing and preserving solutions.
- 440. Industrial detergents and soaps.

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- 450. Cleaning solutions (including household detergents).
- 482. Miscellaneous dye solutions.
- 485. Miscellaneous solutions.

(2) As a fluid:

- 740. Refrigerating uses.
- 750. Miscellaneous fluid uses.

(3) Miscellaneous uses:

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

§ 21.48 Formula No. 23-F.

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

Three pounds of salicylic acid, U.S.P., 1 pound of resorcinol (resorcin), U.S.P., and 1 gallon of bergamot oil, N.F. XI, or bay oil (myrcia oil), N.F. XI.

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

- 111. Hair and scalp preparations.
- 210. External pharmaceuticals, not U.S.P. or N.F.

(2) Miscellaneous uses:

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

§ 21.49 Formula No. 23-H.

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

Eight gallons of acetone, U.S.P., and 1.5 gallons of methyl isobutyl ketone.

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

- 111. Hair and scalp preparations.
- 113. Lotions and creams (hand, face, and body).
- 210. External pharmaceuticals, not U.S.P. or N.F.
- 220. Rubbing alcohols.
- 410. Disinfectants, insecticides, fungicides, and other biocides.
- 450. Cleaning solutions (including household detergents).

(2) Miscellaneous uses:

- 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:

- 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 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:

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

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

(2) Miscellaneous uses:

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

§ 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.