

PHARMACEUTICAL FORMULAS

PROPOSED FOR A. PH. A. RECIPE BOOK

Thus far a collection of 114 Pharmaceutical Formulas has been compiled and published in THE JOURNAL, Vol. I, pp. 169, 366, 505, 637, 760 and 1307 (Feb. to Nov. 1912). Beginning with the March 1916 number these Formulas will be continued in monthly instalments by the Committee, and all members of the American Pharmaceutical Association are earnestly requested to render assistance by sending suitable formulas and criticisms to the Chairman,

OTTO RAUBENHEIMER, Brooklyn, N. Y.

Contributed by the Chairman:

No. 115.

TINCTURA FERRI ACETATIS ÆTHEREA.

Ethereal Tincture of Ferric Acetate.

Tinctura Martis Klaprothii. Klaproth's Tincture of Iron.

(Modification of D. A. B. 111.)

Solution of Ferric Acetate (N. F.

IV)	75	mils
Acetic Ether } of each	12.5	mils
Alcohol }		

To make 100 mils

Mix acetic ether and alcohol and gradually add to the solution of ferric acetate. Keep the product in well-stoppered bottles in a cool place, protected from light.

No. 116.

THEATRICAL COLD CREAM.

Spermaceti	125	Gm.
White Wax	120	Gm.
Liquid Petrolatum	560	Gm.
Sodium Borate	5	Gm.
Distilled Water	190	Gm.

To make 1000 Gm.

Melt spermaceti and wax, add liquid petrolatum, and continue the heat until the mixture is uniform. Dissolve sodium borate in the water and apply sufficient heat to bring this solution to the same temperature of the oily solution. Add the aqueous solution *all at once* into the oily solution and stir until congealed.

It will be noticed that this is a modification of the U. S. P. formula for *Unguentum Aquæ Rosæ*, which has been found highly satisfactory by the writer. During cold weather, the quantity of liquid petrolatum may be slightly increased. This cold cream can be perfumed

according to taste by using the very expensive oil of rose or the cheaper oil of geranium or any other suitable perfume, such as terpineol, neroli, ionone, muguet, etc.

No. 117.

GARGARISMA POTASSII CHLORATIS CUM FERRO.
Golden Gargle.

(Jacobi's Gargle.)

Tincture of Ferric Chloride.....	12	mils
Glycerin	24	mils
Sat. Solut. Potassium Chlorate, a sufficient quantity,		

To make 100 mils

Owing to the alcohol content of the tincture, some of the potassium chlorate crystallizes out. For this reason, the equivalent, about 4 Gm. of Sodium Chlorate, can be used, which, on account of its greater solubility, remains in solution.

No. 118.

PIGMENTUM IODI COMPOSITUM.

Compound Iodine Paint.

(Mandl's Solution.)

Iodine	1.25	Gm.
Potassium Iodide	5.50	Gm.
Oil of Peppermint	0.75	mil
Glycerin, a sufficient quantity,		

To make 100 mils

Used as an antiseptic and stimulant application for the throat.

No. 119.

BLUE WRITING FLUID.

Methylene Blue	1	Gm.
Glycerin	5	mils
Water	500	mils

A cheap and good writing fluid, well adapted as an ink, for writing labels and for fountain pens.

No. 120.

PIGMENTUM MENTHOLIS ET TOLUOL

Menthol and Toluol Paint.

(Loeffler's Solution.)

- Menthol 10 Gm.
- Alcohol 60 mils
- Solution of Ferric Chloride 4 mils
- Toluol, a sufficient quantity,

To make 100 mils

Used as an antiseptic application to the false membrane of diphtheria.

Contributed by M. I. Wilbert:
No. 121.

PINE OIL DISINFECTANT.

(Hygienic Laboratory, U. S. Public Health Service.)

- Pine Oil 1000 Gm.
- Rosin 400 Gm.
- Solution Sodium Hydroxide 25% 200 Gm.

The pine oil and rosin are heated together in a covered "enamelled ware" pail until the rosin is all dissolved. The mixture is cooled to 80° C., the sodium hydroxide solution added, and the liquid violently stirred or beaten for at least 10 minutes with a rotary "Dover" egg beater. Sufficient water is added to make mixture to the original weight. The preparation is then cooled quickly by placing the pail in cold water. It is stored in glass or metal containers till used.

(Public Health Rep., 1915, vol. 30, p. 3004.)

Pine oil is a mixture of many essential oils of the terpinol family. It is a by-product from the manufacture of wood turpentine, and probably is the substance which prevents the decay of "pitch pine" stumps. For compounding this disinfectant only the oil from the "steam or solvent" process should be used, and not the oil obtained by "destructive distillation." It is an amber-colored liquid, having the characteristic odor of pine wood, and should be perfectly clear, transparent, and free from any considerable sediment. The market price of such pine oil is about 50 cents per gallon.

Contributed by Lorentz Cantor:
No. 122.

EAU DENTIFRICE.

- Star Anise 7.5 Gm.
- Oil of Peppermint } of each 1 mil
- Anethol } of each 1 mil
- Red Saunders 1 Gm.
- Alcohol 100 mils

Macerate for two weeks, then filter and add sufficient alcohol to make 100 mils.

For use as a mouth wash, take about 10 drops to a tumbler of water.

Contributed by Prof. X:

No. 123.

SOLIDIFIED ALCOHOL.

- Alcohol 1000 mils
- Stearic Acid 60 Gm.
- Sodium Hydroxide 13.5 Gm.

Dissolve the stearic acid in 500 mils of the alcohol. Dissolve the sodium hydroxide in 500 mils of alcohol. Warm each solution to 60° C. Mix them and form into suitable containers which have previously been warmed to 60° C. and allow to solidify.

Denatured alcohol or wood alcohol may be used in place of alcohol to make a cheaper product, and the mixture may be colored, if desired, by the addition of suitable coloring material.

No. 124.

ASTRINGENT AND ANTISEPTIC FOOT POWDER.

- Alum, powdered 60 Gm.
- Tannic Acid 5 Gm.
- Salicylic Acid 2 Gm.
- Orris Root, powdered 33 Gm.

Mix them and divide into packages of about 2 Gm. each or make into suitable sized tablets.

No. 125.

BRITISH OIL.

- Crude Petroleum 35 mils
- Barbadoes Tar 105 mils
- Crude Oil of Amber of each 140 mils
- Oil of Juniper of each 140 mils
- Linseed Oil 280 mils
- Oil of Turpentine, a sufficient quantity,

To make 1000 mils
Mix them.

Contributed by John K. Thum:
No. 126.

A. C. E. MIXTURE.
(For Anæsthesia.)

- Alcohol 1 part
- Chloroform 2 parts
- Ether 3 parts

(German Hospital, Philadelphia.)

No. 127.

SOLUBLE CRUDE CARBOLIC ACID.

- Liquid Soda Soap, No. 128 1000 mils
 - Crude Carbolic Acid 100 mils
- (German Hospital, Philadelphia.)