

rectified spirit and water; pack in percolator and exhaust with same menstruum. Distil off the spirit, determine amount of moisture in the soft extract, and add sugar of milk equivalent to one-fourth the weight of the total dried extract, then evaporate over a water bath until the mixture becomes brittle when cold. It may be powdered and kept in a well-corked bottle.

*Dose.*—1 to 4 grains.

#### EXT. HAMAMELIDIS LIQUIDUM.—

Take of

Hamamelis leaves in No. 40 powder . . 20 ozs.  
Rectified spirit } ..... of each a sufficiency  
Distilled water }

Moisten the dung with a mixture of one part spirit and two of water. Pack in percolator and saturate with menstruum. Macerate for forty-eight hours, then exhaust, reserving the first 17 fluid ounces; recover spirit from remainder and evaporate to soft extract; dissolve this in the reserve, and make final volume one pint.

*Dose.*—2 to 5 minims.

#### EXT. HYDRASTIS LIQUIDUM.—

Take of

Hydrastis rhizome in No. 60 powder 20 ozs.  
Rectified spirit } ..... equal parts a sufficiency.  
Distilled water }

Proceed exactly as in the previous instance.

*Dose.*—5 to 30 minims.

#### LIQUOR COCAINÆ HYDROCHLORATIS.—

Take of

Cocaine hydrochlorate . . . . . 33 grs.  
Salicylic acid . . . . . 1 gr.  
Distilled water . . . . . sufficient to produce 6 fl. drms.

Boil the water, add the preservative, and, lastly, the alkaloidal salt. Make up to measure if necessary.

*Dose.*—2 to 10 minims.

#### LIQUOR MORPHINÆ SULPHATIS.—

Take of

Sulphate of morphine . . . . . 35 grs.  
Rectified spirit . . . . . 2 fl. ozs.  
Distilled water . . . . . to produce 8 fl. ozs.

Dissolve the salt in some water, add the spirit, and make up to volume with water.

*Dose.*—10 to 60 minims.

LIQUOR TRINITRINÆ (solution of nitroglycerine, solution of glonoine).—

Take of

Pure nitroglycerine . . . 1 part by weight.  
Rectified spirit . . . . . 100 fluid parts.

Dissolve.—Specific gravity 0.844.

*Dose.*— $\frac{1}{2}$  to 2 minims.

#### MAGNESII SULPHAS EFFERVESCENS.—

Take of

Sulphate of magnesium in crystals . . 25 ozs.  
Bicarbonate of sodium in powder . . 18 ozs.  
Tartaric acid in powder . . . . . 9½ ozs.  
Citric acid in powder . . . . . 6½ ozs.  
Refined sugar in powder . . . . . 5½ ozs.

The final product should weigh about 50 ounces. Dry the sulphate at about 130° until it has lost nearly one-fourth its weight; powder and mix with the sugar, then with the other ingredients. Heat mixture from 200°F. to 220°F., and granulate by stirring assiduously; sift, and preserve in well-stoppered bottles.

*Dose.*— $\frac{1}{4}$  to 1 ounce.

#### MISTURA OLEI RICINI.—

Take of

Castor oil . . . . . 6 fl. drms.  
Oil of lemon . . . . . 10 minims.  
Oil of cloves . . . . . 2 minims.  
Syrup . . . . . 1½ fl. drms.  
Solution of potash . . . . . 1 fl. drms.  
Orange flower water } . . . sufficient to produce  
2 fluid ounces

Mix the oils in a mortar, then add one-third the potash, then the syrup, then another third of potash, then half the orange flower water, the remainder of the potash, and enough orange flower water to make two ounces.

*Dose.*— $\frac{1}{2}$  to 2 fluid ounces.

#### PIL. FERRI—(Blaud's Pills).—

Take of

Sulphate of iron . . . . . 60 grs.  
Carbonate of potassium . . . . . 36 grs.  
Powdered sugar . . . . . 12 grs.  
Tragacanth, in powder . . . . . 4 grs.  
Glycerine . . . . . 2½ minims.  
Distilled water . . . . . a sufficiency.

Powder the sulphate of iron, add the sugar and tragacanth. Finely powder the potassium carbonate, and incorporate with the glycerine. Transfer this to mortar containing the first mixture, and beat it until it becomes uniform and green, and add water, if necessary; divide into five-grain pills. One pill contains about one grain of ferrous carbonate.

*Dose.*—1 to 4 pills.

PULVIS SODÆ TARTARATÆ EFFERVESCENS—(commonly known as "Seidlitz Powder").—

Take of

Tartarated soda in dry powder . . 120 grs.  
Bicarbonate of sodium in dry powder 40 grs.

Mix and wrap in blue paper.

Take of

Tartaric acid in dry powder . . . . 38 grs.

Wrap in white paper.

*Dose.*—The former powder dissolved in nearly  $\frac{1}{2}$  a pint of cold or warm water, and the latter powder then added.

#### SODII PHOSPHAS EFFERVESCENS.—

Take of

Phosphate of sodium in crystals . . 25 ozs.  
Bicarbonate of sodium in powder . . 25 ozs.  
Tartaric acid in powder . . . . . 13½ ozs.  
Citric acid in powder . . . . . 9 ozs.

The final product should weigh about 50 ounces. Dry the crystals until they have lost 60 per cent. of the weight. Powder and mix with the other ingredients. Heat to between 200° and 220°, and granulate by constant stirring, sift and store in well-closed bottles.

*Dose.*— $\frac{1}{4}$  to  $\frac{1}{2}$  ounce.

#### SUPPOSITORIA GLYCERINI.—

Take of

Gelatine, cut small . . . . .  $\frac{1}{2}$  oz.  
Glycerine, by weight . . . . . 2½ ozs.  
Distilled water . . . . . a sufficiency.

Put gelatine in tared dish and cover with water; let stand for a minute or two, then drain off water; set aside until quite soft; then add glycerine. Dissolve on water bath, and heat until mixture weighs 1,560 grains. Pour into moulds of suitable capacity. Each suppository

contains 70 per cent. by weight of glycerine.

#### SYRUP FERRI SUBCHLORIDI.—

Take of

Iron wire . . . . . 300 grs.  
Hydrochloric acid . . . . . 2 fl. ozs.  
Citric acid . . . . . 10 grs.  
Distilled water . . . . . 10 fl. drms.  
Syrup . . . . . a sufficiency to make 1 pint.

Mix the acid with 1 ounce of water and dissolve the iron wire in the mixture in a flask, applying a gentle heat until action ceases. Then remove heat, add the citric acid and filter through paper into 10 fluid ounces of syrup. When drained, wash filter with remaining 2 drachms of water, and make up measure to 1 pint.

*Dose.*— $\frac{1}{2}$  to 1 fluid drachm.

#### TINCTURA HAMAMELIDIS.—

Take of

Hamamelis bark, No. 20 powder . . 2 ozs.  
Proof spirit . . . . . a sufficiency.

Moisten the powder with the menstruum, and percolate to 1 pint.

*Dose.*—5 to 60 minims.

#### TINCTURA HYDRASTIS.—

Take of

Hydrastis rhizome in No. 60 powder 2 ozs.  
Proof spirit . . . . . a sufficiency.

Moisten the powder, macerate and percolate to 1 pint.

*Dose.*—20 minims to 1 fluid drachm.

#### TINCTURA STROPHANTHIL.—

Take of

Strophanthus reduced to No. 30 } 1 oz.  
powder and dried at 110° F . . . }  
Pure ether . . . . . a sufficiency.  
(Commercial ether free from alcohol or water may be used.)

Rectified spirit . . . . . a sufficiency. ¶  
Pack in a percolator; moisten with ether; macerate, and exhaust with more ether. When this is colorless remove the marc, dry it gradually, heating to 120° F. Again powder, repack, and exhaust by maceration and percolation until half a pint of tincture is obtained, then dilute with spirit to one pint.

*Dose.*—2 to 10 minims

#### TROCHISCI SULPHURIS.—

Take of

Precipitated sulphur . . . . . 3,600 grains.  
Acid tartrate of potassium . . 720 grains.  
Refined sugar . . . . . 5,760 grains.  
Gum acacia in powder . . . . 720 grains.  
Tincture of orange peel . . . . 720 minims.  
Mucilage of acacia . . . . . 720 minims.

Mix the tincture with the powders; add the mucilage to form a suitable mass. Divide into 720 lozenges, and dry at moderate temperature.

Each lozenge contains five grain of sulphur.

*Dose.*—1 to 6 lozenges.

#### UNGUENTUM CONII.

Take of

Juice of hemlock . . . . . 2 fl. ozs.  
Hydrous wool fat . . . . .  $\frac{1}{2}$  oz.  
Boric acid, in fine powder . . . 10 grs.

Evaporate the juice at a temperature not exceeding 140°F to two fluid drachms. Add the boric acid and hydrous wool fat, and mix thoroughly.