

BRAMWELL'S

Extra Purified

EPSOM SALTS

Specially Prepared for Druggists.

FREE FROM MOISTURE.

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The Finest Quality Made.

SAMPLES ON APPLICATION.

ARTHUR P. TIPPET & CO., Agents for Canada, Toronto.

DRUG REPORTS.

Ontario.

Business shows signs of improvement.

Opium has advanced fully 10 per cent. during the past month. The future of this article is mere speculation. Morphia, of course, sympathises with it and is quoted higher.

Solol, demand large, stocks in the city about exhausted.

Coca Leaves and Cocaine are lower.

Spices generally are higher for first-class goods.

Oils of Bergamot, Cassia, Eucalyptus and Winter Green, are easier.

Gum Arabics, easier.

Gum Shellac, higher.

England.

London, Sept. 26th, 1893.

The month has been rather a dull one for business although there are signs of improvement. This is particularly noticeable in drugs, the chemical market generally being flat.

Quinine has hardened during the last week and with a fair demand prices were higher.

Cascara and Jalap are also dearer owing to scarcity of supplies on this side.

Adverse reports have been confirmed as to the Otto de Rose crop this year and a considerable increase in value of all grades has taken place.

From the same cause the English Essential Oils of Lavender and Peppermint are much dearer.

Balsam of Peru is easier.

Ergot, a shade lower.

Jaborandi Leaves are very scarce and dear.

Pilocarpine is quoted at a considerable advance.

Demand for Sulphate of Copper has slightly enhanced values, but the increase is not regarded as permanent.

The coal strike which still continues has affected Caustic Potash, only a small amount being now produced.

Oxalic Acid is very firm and the price advancing, as no stock exists.

Bleaching Powder is in the same category with Caustic Soda and from the same cause.

Syrup of Iodide of Iron.

M. Roussillon prepares this syrup from a solution which he claims to be unalterable when kept. Iodine, 16.40 Gm., iron filings, 8 Gm., and distilled water, 30 Gm., are heated together until the reaction is complete, and the solution filtered whilst hot into a vessel containing pure glycerin, 220 Gm. The filter is washed with a jet of boiling distilled water, and the mixed liquids are then warmed gently until the contents of the vessel weigh 240 Grammes. The solution is immediately poured into well dried vials, containing when filled 18, 36, and 72 Grammes respectively, these are at once corked securely and, when cool, the corks are well paralined. When required for use the contents of the vials are mixed with sufficient syrup to make $\frac{1}{4}$, $\frac{1}{2}$, or 1 Litre of syrup of iodide of iron, according to size, and both the solution and syrup thus prepared are said to keep without change.—*Journ. de Pharm.*

Oleo-Creasote.

This ester of oleic acid and creasote is a yellow, oily liquid, having a faint odor of creasote but free from the caustic taste of creasote; it is insoluble in water, alcohol and glycerine, but easily soluble in absolute alcohol and ether. Being a neutral body, daily doses of 10-15 grains can be administered without interfering with the functions of the stomach. It can be

made by allowing 74.4 gm. pure creasote and 109.2 gm. pure oleic acid to stand for several hours before heating in an oil-bath to 135° C. for 1½ hours; the product is then repeatedly washed with distilled water, next with a dilute soda solution and lastly again with distilled water; to remove the last traces of water it is agitated with anhydrous sodium sulphate. The yield is rather unsatisfactory, as only about fifty per cent. of the theoretical quantity is obtained. C. Levy, *Journ. der Pharm. v. Els.-Lothr.—Amer. J. Pharm.*

Mixtures That Explode.

Beri and Cari Mantroud in a note presented to the Paris Chemical Society state that by mixing barium hypophosphite and potassium chlorate, dried and pulverized separately, an exceedingly combustible substance is obtained. Ignited in the open air a dull explosion takes place, but the slightest obstacle to the free escape of the gases renders the explosion terrifically violent, analogous to that of fulminate of mercury. This powder is exploded by any gentle shock, the striking of the pestle against the side of the mortar, for instance. A mixture of syrupy sodium hypophosphite with sodium chlorate in powder, forms an explosive as violent as nitroglycerin. Heated on a leaf of platinum this mixture first liquifies, then dries, and suddenly explodes, blowing a hole through the platinum foil.

TONQUINOL is a new compound offered as a substitute for musk, and is said by the patentees (Germany) to be a derivative of a nitrated terpene and a nitrated sulpho-acid of xyol. Tonquinol is in the form of a white crystalline powder, which, after solution in fifty parts of alcohol, may be mixed with water in all proportions. It is claimed to be very permanent and cheaper than Baur's artificial musk.

It is the men who investigate that progress; the conditions of yesterday are seldom repeated.