



## Practical Organic Chemistry; For the First and Second Stage Examinations of the Board of Education (South Kensington)

By George George

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1904 edition. Excerpt: .by it, consequently it is largely used in organic chemistry as a solvent. The commercial alcohol usually contains acetone, from which it may be freed by heating with fused calcium chloride, when the latter combines with the methyl alcohol to form a crystalline compound  $\text{CaCl}_2 \cdot 4\text{CH}_4\text{O}$ . This body is stable at 100, so that on heating to this temperature the acetone is driven off. The  $\text{CaCl}_2 \cdot 4\text{CH}_4\text{O}$  is then treated with water in a retort and distilled. Water and methyl alcohol pass over, and the latter can be obtained in an anhydrous condition by being placed in contact with quicklime, and re-distilled. Methyl alcohol is easily oxidized to formaldehyde and formic acid. 1. When heated in an open dish over a free flame, methyl alcohol volatilizes, takes fire and burns with a pale blue flame, and leaves no residue. 2. To a small quantity of strong sulphuric...



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