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The Student s Practical Chemistry; A Text-Book on Chemical Physics and Inorganic and Organic Chemistry

By Henry Morton

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. 1867 Excerpt: . in, the inner drum rises, giving space; as it escapes, this sinks, so diminishing the capacity of the vessel. Compound of Carbon with Nitrogen. Cyanogen--C, N or Cy. Sp. Gr. 1.82. Source.--Cyanogen is formed, in combination with potassium, by heating organic substances containing nitrogen, such as fibrine, gelatine, skins, etc., with potash. Preparation.--Obtained by heating Cyanide of Mercury. $\text{HgC}_2\text{N} = \text{Hg} + \text{C}_2\text{N}$. Properties.--A colorless, soluble gas; liquefiable by a pressure of four atmospheres. Its odor resembles that from bitter almonds. Burns with a dark blue flame fringed with purple. In chemical properties, it must be classed with chlorine and bromine; uniting, like them, with hydrogen to form an acid, and with the metals to form salts. It was the first one, among many compound bodies since discovered, which was found to play the part of an element; and the discovery of this Compound Radical,...



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