


[DOWNLOAD](#)


Ammonia and the Nitrides; With Special Reference to Their Synthesis

By Edward Bradford Maxted

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. 1921 Excerpt: .per cent, of nitrogen respectively, the remainder being copper, with the exception of about oi7 per cent, of hydrogen.-which was probably present in the occluded condition. Beilby and Henderson state that no nitride is formed unless the ammonia is present in large excess, the maximum percentage of nitrogen fixed in their experiments being 45. Guntz and Bassett prepared the nitride from cuprous instead of cupric oxide, t The reaction begins at 2joC. and is rapid at 3100, but the nitride begins to decompose at the temperature of production. The products obtained contained about 6 per cent, of nitrogen, and it was found possible to remove the free copper by treatment with a solution of ammonia and ammonium carbonate. The nitride thus purified contained about 68 per cent, of nitrogen. The formula Cu₃N, corresponding to lithium nitride, requires 686 per cent, Copper nitride may also be obtained...



READ ONLINE
[6.26 MB]

Reviews

Extremely helpful for all class of people. We have read through and that i am confident that i am going to going to read through again again down the road. Its been designed in an exceedingly basic way in fact it is simply following i finished reading this pdf in which in fact altered me, alter the way i think.

-- **Noel Stanton**

Absolutely one of the best pdf We have ever read. I really could comprehended every little thing using this written e book. I am easily could get a satisfaction of reading a written publication.

-- **Dr. Odie Hamill**