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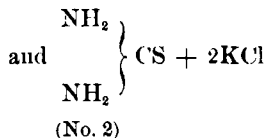
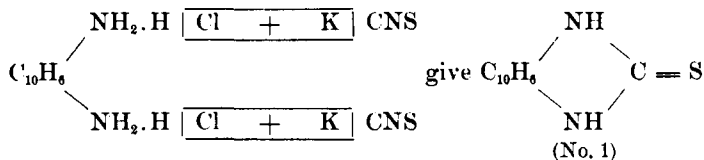
XXVII.—ON A NEW SULPHO-UREA COMPOUND.

BY JAMES H. STEBBINS, JR., S. B.

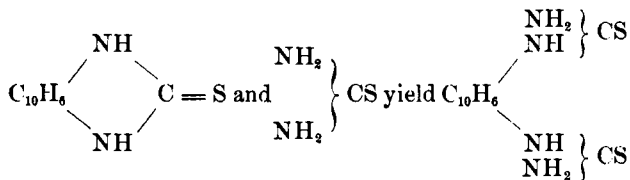
A short time ago, I tried to obtain a new sulpho-ureate, from naphthalenediamine and KCNS. For that purpose I proceeded in the following manner :

I dissolved 23.1 gms of naphthalenediamine hydro-chlorate, $C_{10}H_8(NH_2)_2(HCl)_2$, in as little distilled water as possible, and to this added 18.8 gms of KCNS. The mixture was stirred for a short time, and then heated for two or three hours. After the solution had cooled off, fine, long white needles made their appearance, some being as long as half an inch. These are slightly soluble in water, but quite easily soluble in alcohol.

I think the reaction may be expressed by the following terms :



Now I think that, as the reaction progresses, No. 2 reacts on No. 1, and forms a compound containing 2CS, in place of 1, viz. :



This, then, may be looked upon as a disulpho-ureate of naphthalene.

At some future opportunity, I expect to experiment on the mustard oil of this compound, which as yet has not been obtained.