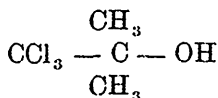


## NOTES ON CHLORETONE.

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Chloretone is described as "a beautiful white crystalline compound of camphoraceous odor and taste, soluble to the extent of 1 per cent. in warm water, 15 per cent. in glycerine, and 150 per cent. in alcohol; permanent in constitution whether as crystal or solution" <sup>1</sup>.

"It has, according to Willgerodt, the following formula:



and is formed when caustic potash is slowly added to equal parts of chloroform and acetone" <sup>2</sup>.

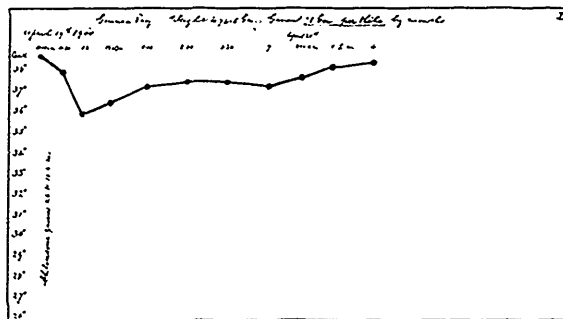


CHART 1.

The drug has been recommended for use in a variety of different ways, but chiefly (1) as a local anesthetic, (2) as an antiseptic, (3) as a hypnotic and possible general anesthetic. The chief advantage which has been claimed for the drug over those already in use for these purposes is its great safety.

Having used the drug somewhat extensively in experimental work in Physiological Department of Toronto University, we give here such results of this work as may seem to be of general interest.

1. We have not specially investigated the local anesthetic effects of the drug, but several casual observations would suggest that it is far inferior to cocaine in this respect. In guinea pigs, in which intra-peritoneal injections of the saturated warm aqueous solution had been made, the small parietal abdominal wound remained sensitive during the hours that the