

EUOZONE

Dr. Edward D. King, Detroit, Mich.

This product first known as Ramage's Camphoric Peroxide (C₁₀ H₁₈ O₄) was produced in his laboratories in Cleveland, during 1903, where Dr. Ramage had carried on the study of the effect of ozone upon various hydrocarbons, and had succeeded in producing the liquid that had the power of giving off nascent oxygen in contact with moisture over a period of 36 hours, leaving behind only the original terpene. Owing to the irritating effect of terpenes on the kidneys several other products were tried among them eucalyptol, which was highly successful.

To determine the amount of oxygen liberated the usual method is shaking up 10 c.c. of Eucozone with a slightly acidified solution of potassium iodide and the amount of iodine liberated is determined from day to day by titration with N/10 theosulphate. In a recent test, made by the Milton Hersey Co., Montreal—June 18th, 1934, it was indicated that after 20 days nascent oxygen was still liberating.

In an endeavor to discover the various uses for this product many experiments were undertaken, among them being Dr. Dudley Allen of Cleveland, and Dr. Chas. Ramage of Long Beach, Calif., used it internally on a serious case of typhoid at Lakeside Hospital, Cleveland, the patient being Lee Coombs, one of Dr. Ramage's assistants. Within six days the case was cleared up and the patient was fed meat without any disturbance and was back at work within two weeks. It was then tried by Major Richardson, Government Hospital for the Insane, Washington who reported similar results with a number of patients. It was used by Surgeon General Sternberg on Dr. Eugene Byrnes, with similar result, and later at Butler, Penna. Dr. Hartford Walker, Dr. Cotton, Dr. Hall, all of Toronto, and Prof. Ramsey Wright, University of Toronto and a number of other physicians had similar results. Dr. C. F. Hoover, Lakeside Hospital, Cleveland, did some work of similar nature.

Nothing was done further in this work of bringing the product to the public until 1921 when Dr. Ramage produced the present improved product by the ozonide method. As Dr. Ramage was completely occupied during this time with the development of the gyro-process motor spirit, nothing further was done until 1922, when Sir John Cadman of the Anglo-Persian Oil Co., England, and Count Cippico of Italy cabled, asking for some of this liquid for use in gastric duodenal ulcers. This was made and sent to them, and they reported complete cures using the

liquid in capsules containing about 5 m.m., four times a day.

Later it was tried in pneumonia, the first case being the daughter of Edward Webb, of Detroit, by Dr. Lanning and Dr. Loeb. It was atomized in the room when the patient was in the last extreme. The oxygen mask which had been used was taken off, and the patient simply breathed the air containing the fumes of Eucozone. A great many cases have been cured in the same way by medical men in this City, especially by the late Dr. Neil Hoskins, Dr. Lyman Pinney and several others.

Dr. Dochez of the Presbyterian Hospital of New York made extended experimental use of the same. A number of dentists have found it successful in the treatment of trench mouth and pyorrhea, also after extractions. Dr. Sippe of Chicago reported splendid results in gastric and duodenal ulcers, but his death prevented a complete exhaustive research. Edward Harding, Council for the Pratt Estate, Standard Oil, had considerable work done upon it, owing to the cure of his wife in the last stages of pneumonia, and of many friends, and had a long research made by the Dr. Pease Laboratories, New York. Mr. Loucks, council for the Barnsdall Oil used it on his wife who was in very serious condition with colitis, but not until he had a report made upon it by the Rockefeller Institute.

It has been used very successfully on a large Jersey herd at Ann Arbor, particularly on the three bulls which were internationally known. They belonged to Arnold Goss "Oaklands" Ann Arbor, one of the bulls being the "Nobles of Oakland". Had perfect success in bringing them out of pneumonia when the State College of Agriculture at Lansing had given them up.

It has been used in quantities in Venezuela and Colombia and in Mexico at the oil wells for malaria, etc. It is probable that its use in the jungle has been more successful from the fact that the eucalyptol left in the system is eliminated largely by the pores and seems to prevent mosquito and insects from biting.

No attempt had been made to place the same on the market, but from individuals speaking about it, and friends and acquaintances, and associates of Dr. Ramage demanding the product, many well-known industrial firms, and individuals have become acquainted with its many and beneficial uses, and it was finally decided to form a separate sales corporation to handle EUOZONE PRODUCTS for distribution to the public.

Its many uses can be summed up in just one brief sentence: EUOZONE liberates active oxygen, is effective wherever nascent or active oxygen can do good.