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The
Chemistry of Some
Indonesian
Essential Oils



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Editors Introduction

Essential oil is a highly valued product used by a wider and wider scope of people whether they are aware of it or not. Essential oils can be used as a mixture for various products such as beauty, health, and wellbeing. In Indonesia, the number of essential oil producers and sellers have been increasing as more people see the benefit of essential oils they can obtain. However, this phenomenon must be addressed carefully by the essential oil producers in Indonesia as the challenge can be more advanced such as the limited supply and the low quality of essential oils.

Prof. (Emr.) Dr. Hardjono Sastrohamidjojo, a professional in organic chemistry, has a great interest in the chemistry of essential oils. He was the pioneer in this field. This book is written with passion and altruistic motivations by him, and this edition is based on the *Kimia Minyak Atsiri* which was previously published in 2004. Some revision has been made in this book. The author discusses the chemistry of some essential oils in such a well-structured manner that it is easy to follow and understand. At the beginning, the author illustrates essential oils and their chemistry in general. Later on, the author specifically describes the chemistry of certain essential oils in the following chapters: Citronella Oil, Clove Leaf Oil, Peppermint Oil (from *Mentha Arvensis*), Turpentine Oil, Lawang Oil, Patchouli Oil, Fennel Oil, Sandalwood Oil, Vetiver Oil, and Cananga Oil. By the end of these chapters, the author provides a list of questions useful for the readers to check their comprehension.

As it has been stated before, the challenge to fulfill the increasing demand and maintain the quality of essential oils produced in Indonesia are becoming

more advanced. Thus, the collaboration among the researcher, the producer, and other private stakeholders to face these phenomena is urgently required. In accordance to that, this book provides the fundament for any academic or people interested in exploring this field further and giving contribution to society.

Editor

Tribhuwana Dewi

Preface

This book is the result of doctoral program research conducted by the author. This laboratory scale research can be upgraded to semi-industry, even industry scale.

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Author,

Prof . (Emr). Dr. Hardjono Sastrohamidjojo

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