

# CONTENTS

Introduction.....	7
-------------------	---

## PART I

### Hardwood Distillation

<b>Chapter I. The Commercial Processes.....</b>	<b>13</b>
Wood for Distillation. The distillation of the Wood. Refining Processes. Yields of Products. New Products.	
Chapter II. Wood, the Raw Material.....	35
Wood Analysis and Composition. Effect of Composition on Value for Distillation. Yields from Various Species and Forms. Moisture Content of Wood. Physical Properties of Wood. Decayed Wood.	
Chapter III. The Decomposition of Wood by Heat.....	52
Decomposition in Presence of Chemicals.	
Chapter IV. Products of Wood Distillation.....	62
Gas. Pyroligneous Acid. Tar. Charcoal.	
Chapter V. Refining Processes.....	72
Gas. Liquid Products; Tar Distillation; Pyroligneous Acid Refining. Combination of Steps in Refining.	

## PART II

### Resinous Wood Distillation

<b>Chapter I. The. Commercial Processes.....</b>	<b>87</b>
Destructive Distillation Process. Uses for Resinous Wood Distillation Products.	
Chapter II. The Raw Material.....	103
Composition of the Resin.	

Chapter III. The Decomposition of Resinous Wood by Heat Yields of.....	109
Product.	
Chapter IV. Refining Destructive Distillation Products.....	115
The Oil. Pyroligneous Acid. Gas.	
Chapter V. The Steam Distillation and Extraction Process.....	125
Steam Distillation. Extraction of the Rosin. Refining. Combination Of Extraction Process and Pulping Process.	