

Contents

	<u>Page</u>
<u>Introduction</u>	1/2
Part One <u>Findings and recommendations</u>	3/4
Chapter I. <u>General findings</u>	5
A. Natural essential oils	5
B. Oleoresins	6
C. International flavour legislation	10
D. Conditions of market access	13
Chapter II. <u>Market prospects for selected essential oils and oleoresins</u>	16
A. Essential oils	16
1. Citronella oils	16
2. Lemongrass oil	16
3. Cinnamon oils	17
4. Clove oils	18
5. Pepper oil	20
6. Nutmeg/mace oils	20
7. Cardamon oil	21
8. Ginger oil	22
B. Oleoresins	22
C. Conclusion	23
Chapter III. <u>Measures recommended for the development of export markets for essential oils and oleoresins</u>	25
Part Two <u>Characteristics of selected markets</u>	27/28
Chapter I. <u>Federal Republic of Germany</u>	29
A. Foreign trade	29
B. Domestic production	37
C. End-use pattern and consumption trends	42
1. The fragrance and flavour industry	42
2. The utilizing industries	42
3. Market prospects for individual essential oils and oleoresins	47
D. Import duties and import regulations	52
E. Specifications and other quality requirements	54
F. Prices	55
G. Trade and distribution channels	58
1. General	58
2. Importers and c.i.f. agents	59
3. Fragrance and flavour houses	60
H. Commercial practices	62
1. Purchasing methods	62
2. Purchasing policy	63
3. Packaging	64

	<u>Page</u>
4. Delivery terms	64
5. Quotations	65
6. Mode of payment	65
7. Mark-ups and commissions	65
Summary and conclusions	65
 Chapter II. <u>France</u>	 69
A. Foreign trade	69
B. Domestic production	78
C. End-use pattern and consumption trends	83
1. The fragrance and flavour industry	83
2. The utilizing industries	83
3. Market prospects for individual essential oils and oleoresins	 86
D. Import duties and import regulations	90
E. Specifications and other quality requirements	91
F. Prices	93
G. Trade and distribution channels	96
1. General	96
2. Useful addresses	97
(a) Trading firms	98
(b) Fragrance and flavour houses	99
H. Commercial practices	102
1. Purchasing methods	102
2. Purchasing policy	103
3. Packaging	103
4. Delivery terms	104
5. Quotations	104
6. Mode of payment	104
7. Mark-ups and commissions	104
I. Summary and conclusions	105
 Chapter III. <u>United States</u>	 109
A. Foreign trade	109
B. Domestic production	119
C. End-use pattern and consumption trends	121
1. The fragrance and flavour industry	121
2. The utilizing industries	121
3. Market prospects for individual essential oils and oleoresins	 126
D. Import duties and import regulations	131
E. Specifications and other quality requirements	132
F. Prices	133
G. Trade and distribution channels	135
1. General	135
2. Useful addresses	138
H. Commercial practices	140
1. Purchasing methods	140
2. Purchasing policy	141
3. Packaging	141
4. Delivery terms	141
5. Quotations and mode of payment	141
6. Mark-ups and commissions	141
I. Summary and conclusions	142

	<u>Page</u>
Chapter IV. <u>Canada</u>	145
A. Foreign trade	145
B. Domestic production	145
C. End-use pattern and consumption trends	149
1. The fragrance and flavour industry	149
2. The utilizing industries	149
3. Market prospects for individual essential oils and oleoresins	150
D. Import duties and import regulations	155
E. Specifications and other quality requirements	156
F. Prices	156
G. Trade and distribution channels	157
1. General	157
2. Useful addresses	157
H. Commercial practices	158
1. Purchasing policy and methods	158
2. Packaging	159
3. Delivery terms	159
4. Quotations and mode of payment	159
I. Summary and conclusions	159
Chapter V. <u>Japan</u>	162
A. Foreign trade	162
B. Domestic production	171
C. End-use pattern and consumption trends	172
1. The fragrance and flavour industry	172
2. The utilizing industries	174
3. Market prospects for individual essential oils and oleoresins	176
D. Import duties and import regulations	179
E. Specifications and other quality requirements	180
F. Prices	181
G. Trade and distribution channels	182
1. General	182
2. Useful addresses	183
H. Commercial practices	185
1. Purchasing methods	185
2. Purchasing policy	185
3. Packaging	186
4. Quotations and mode of payment	186
5. Transport	186
6. Commissions and mark-ups	187
I. Summary and conclusions	187
Chapter VI. <u>United Kingdom</u>	189
I. <u>Essential oils</u>	189
A. Import and distribution channels	189
B. Citronella oils	189
1. Foreign trade	192
2. Consumption shares of utilizing industries	193
3. Prices and market situation	194
4. Long-term prospects, with particular reference to competition from synthetics	197

	<u>Page</u>
C. Lemongrass oil	202
1. Foreign trade	202
2. Consumption shares of utilizing industries	204
3. Prices and market situation	205
4. Long-term prospects, with particular reference to competition from synthetics	206
D. Cardamon oil	211
1. Production and trade	211
2. Prices	211
3. Uses	212
4. Future prospects, with particular reference to competition from synthetics	213
E. Cinnamon oils	214
1. Cinnamon bark oil	214
(a) Production and trade	214
(b) Prices	215
(c) Uses	216
(d) Future prospects, with particular reference to competition from synthetics	217
2. Cinnamon leaf oil	217
(a) Production and trade	217
(b) Prices	218
(c) Uses	219
(d) Future prospects, with particular reference to competition from synthetics	220
F. Clove oils	221
1. Clove bud oil	221
(a) Production and trade	221
(b) Prices	221
(c) Uses	222
(d) Future prospects, with particular reference to competition from synthetics	223
2. Clove stem oil	224
(a) Production and trade	224
(b) Prices	224
(c) Uses	225
(d) Future prospects, with particular reference to competition from synthetics	225
3. Clove leaf oil	226
(a) Production and trade	226
(b) Prices	226
(c) Uses	227
(d) Future prospects, with particular reference to competition from synthetics	228

	<u>Page</u>
G. Ginger oil	230
1. Production and trade	230
2. Prices	230
3. Uses	231
4. Long-term prospects, with particular reference to competition from synthetics	231
H. Nutmeg oil	232
1. Production and trade	232
2. Prices	232
3. Uses	233
4. Future prospects, with particular reference to competition from synthetics	234
I. Pepper oil	235
1. Production and trade	235
2. Prices	236
3. Uses	237
4. Future prospects, with particular reference to competition from synthetics	237
II. <u>Spice oleoresins</u>	238
A. General	238
1. Introduction	238
2. Market situation	241
3. Structure of the trade	242
4. Dispersed spices	244
5. Production, consumption and foreign trade	248
B. Cardamon oleoresin	249
1. Principal uses	249
2. Consumption	249
3. Prices	249
4. Yield	249
5. Standards, specifications and description	250
C. Cinnamon oleoresin	251
1. Principal uses	251
2. Consumption	251
3. Prices	251
4. Yield	251
5. Standards, specifications and description	251
D. Clove oleoresin	252
1. Principal uses	252
2. Consumption	252
3. Prices	252
4. Yield	252
5. Standards, specifications and description	252
E. Ginger oleoresin	254
1. Principal uses	254
2. Consumption	254
3. Prices	254
4. Yield	254
5. Standards, specifications and description	255

	<u>Page</u>
F. Mace oleoresin	256
1. Principal uses	256
2. Consumption	256
3. Prices	256
4. Yield	256
5. Standards, specifications and description	257
G. Nutmeg oleoresin	258
1. Principal uses	258
2. Consumption	258
3. Prices	258
4. Yield	258
5. Standards, specifications and description	258
H. Pepper oleoresin	260
1. Principal uses	260
2. Consumption	260
3. Prices	260
4. Yield	260
5. Standards, specifications and description	261
III. <u>General trade information</u>	262
A. Packing and labelling requirements	262
B. Freight rates	264
C. Import duties and import regulations	265
1. Import duties	265
2. Import regulations	265
D. Guide to major companies	266
1. Essential oils	266
2. Oleoresins	267

Annex

Statistical tables and price tabulations
relating to the United Kingdom market

271/272

Appendix

Selected bibliography

297