

Colin A. Houston and Associates, Inc.
announces the availability of a new study entitled

SURFACTANT DEVELOPMENTS FORECAST TO 2010

The global surfactants market has evolved over the past ten years to the point that global producers compete for global positions in a range of markets. Local producers are no longer immune and are challenged in the area of major surfactants. The ongoing shift in producer alignments is creating a highly competitive new field. The acquisition of A&W by Huntsman and the sale of Cognis represent the kind of restructuring that is rapidly changing the field of surfactants into a highly structured global arena. The impact of these developments is affecting consumers as well as producers. Colin A. Houston & Associates, Inc. (CAHA) has produced a new report which assembles a comprehensive view of the materials, markets by region and producer profiles — nine global and four regional.

This new report was completed in August 2002 and is available in print or on-line over the internet.

CONTENTS

Description	2
Table of Contents	4
Sample Tables	15
Qualifications and Personnel	20
How to Subscribe	23

DESCRIPTION OF THE STUDY

In order to compete effectively, global and regional producers of primary surfactants need to understand the new global surfactant order and its implications for individual companies, markets and materials. CAHA's new study provides a thorough analysis of strategic developments, market trends, new technology, threats and opportunities that are reshaping the surfactant industry. It identifies and examines a range of important current topics and issues that will potentially impact the industry in the years to come. These include:

- Industry restructuring through acquisitions, mergers and alliances. The study analyzes how this realignment of the players is affecting global and regional competition, and discusses the likely winners and losers. It identifies the new critical success factors.
- It explains how individual companies are addressing the issue of finding the right mix of commodity and specialty products, and comments on the likely outcome of their strategies.
- The profiles of primary surfactant producers provide not only factual data, but insights and critical perspective on each company's evolving market position, goals, competitive advantages and shortcomings.
- The study identifies which end use markets, products and regions have the best prospects in terms of growth and value. It defines the sizes of the merchant markets and gives market shares while it also contrasts the strategic approaches of companies chasing the same opportunities.
- The potential impact of new competing materials, such as Modified Alkylbenzene Sulfonates (MABS) and Methyl Ester Sulfonates (MES), is examined.
- The study analyzes the effect on the market of the new detergent alcohol capacity coming on stream, and details the outlook for oleochemicals vs synthetics. It explains the likely impact of this new capacity on the surfactant intermediates price structure.

In addition to addressing these and other important topics, the profiles of the nine global and four regional primary surfactant producers, detail their product mix, markets, integration, market positioning and direction. The profiles also include an analysis of their strengths, weaknesses, opportunities and threats (SWOT analysis).

Global Producers

BASF Group
Cognis Corporation
Dow Chemical Company
Huntsman Corporation
Kao Corporation
Rhodia
Sasol Olefins and Surfactants
Shell Chemical L.P.
Stepan Company

Regional Producers

Dr. W. Kolb AG
Lion Corporation
Oxiteno
Tayca

In the section on surfactant market structure, the major surfactants themselves are profiled, including intermediates supply, surfactant capacity, pricing, utilization, as well as captive/merchant markets and producer market shares by region.

The report concludes with a chapter providing a forecast of the major surfactants by region and major application.

CAHA has a unique perspective on the surfactant business, developed from 30 years of experience in providing multiclient studies and proprietary consulting services to a client base spanning five continents. CAHA's projects, consulting, newsletters and market reports require regular communication with knowledgeable contacts at scores of companies, enlarging our understanding and refining and enhancing our extensive surfactant industry database.

This study is designed to provide insights and understanding that will enable clients to be more knowledgeable and successful market participants. There are two delivery options — hard copy or electronic version (see the Cost & Delivery section).

TABLE OF CONTENTS

	<u>Page</u>
PREFACE	ii
EXECUTIVE SUMMARY	iii
TABLE OF CONTENTS	xxx
List of Tables	xxxvi
List of Figures	xl
I. SURFACTANT TOPICS	I-1 - I-94
Environmental Developments	I-1
Introduction	I-1
Biodegradation	I-2
Biodegradation Test Procedures	I-3
New Detergent Directive (EC)	I-5
Legislation in the U.S.	I-8
Anaerobic Biodegradation	I-8
Risk Assessment	I-13
ERASM Activities	I-14
Toxicity	I-18
Introduction	I-18
Ecolabels	I-23
Intermediate Proliferation and Competition	I-26
Detergent Alcohols Capacity Developments	I-26
Developments in LAB Capacity	I-29
Ethylene Oxide - The Quiet Third Intermediate	I-29
Developments in Prices	I-30
Resulting Competition	I-30
New Technology and Competitors	I-35
Methyl Ester Sulfonates	I-35
Surfactant Properties	I-36
Producers, Processes, Capacity	I-40
Products	I-43
Supply/Demand Issues	I-43
Alpha-Olefin Sulfonates	I-44
Surfactant Properties	I-45
Producers, Processes and Capacities	I-46
Supply/Demand Issues	I-48
Modified Alkylbenzene Sulfonate	I-49
Surfactant Properties	I-50
Producers, Processes and Capacities	I-54
Supply/Demand Issues	I-57
Overcapacity Issues for Surfactants	I-58
Sulfation/Sulfonation Overcapacity	I-58
North America	I-59
Latin America	I-61
West Europe	I-62
Asia	I-65

Table of Contents (continued)

	<u>Page</u>
Ethoxylation Overcapacity	I-69
North America	I-71
Latin America	I-72
West Europe	I-73
Asia	I-76
Consolidation Outlook and Impact	I-79
Economic Drivers	I-81
North America	I-83
Latin America	I-84
West Europe	I-86
Asia	I-87
Other Regions	I-88
Product Value Chain Developments	I-90
The Development of Retail as a Driving Force	I-92
II. SURFACTANT PRODUCERS	II-1 - II-119
Strategies	II-2
Basic Industry Strategies	II-2
Hydrophile-Oriented Strategy	II-3
Hydrophobe-Oriented Strategy	II-5
Fully-Integrated Strategy	II-6
Converter Strategy	II-6
Surfactant Strategies	II-8
Market Characterization	II-8
The Multi-Product Approach	II-9
Regional Considerations	II-11
Commodities and Specialties	II-12
Consolidation	II-13
Recent Mergers and Acquisitions	II-13
Consolidation - The Way Forward	II-17
Surfactant Producer Profiles	II-24
BASF Group	II-26
Introduction	II-26
Product Mix	II-27
Integration Factors	II-28
Strategic Approach	II-31
Marketing Activities	II-31
SWOT Analysis	II-33
Cognis Corporation	II-35
Introduction	II-35
Product Mix	II-36
Integration Factors	II-36
Positioning	II-40
Marketing Activities	II-40
SWOT Analysis	II-41
Dow Chemical Company	II-42
Introduction	II-42
Product Mix	II-45
Integration Factors	II-46
Positioning	II-48
Marketing Activities	II-50
SWOT Analysis	II-51

Table of Contents (continued)

	<u>Page</u>
Huntsman Corporation	II-54
Introduction	II-54
Product Mix	II-55
Integration Factors	II-56
Positioning/Strategic Approach	II-58
Marketing Activities	II-60
SWOT Analysis	II-60
Kao Corporation	II-62
Introduction	II-62
Product Mix	II-64
Integration Factors	II-66
Positioning	II-69
Marketing Activities	II-70
SWOT Analysis	II-72
Rhodia	II-73
Introduction	II-73
Product Mix	II-75
Integration Factors	II-76
Strategic Approach	II-79
Marketing Activities	II-80
SWOT Analysis	II-81
Sasol Olefins and Surfactants	II-83
Introduction	II-83
Product Mix	II-84
Integration Factors	II-85
Positioning/Strategic Approach	II-87
Marketing Activities	II-88
SWOT Analysis	II-89
Shell Chemical L.P.	II-90
Introduction	II-90
Product Mix	II-90
Integration Factors	II-91
Strategic Approach	II-94
Marketing Activities	II-95
SWOT Analysis	II-96
Stepan Company	II-99
Introduction	II-99
Product Mix	II-100
Integration Factors	II-101
Positioning/Strategic Approach	II-102
Marketing Activities	II-102
SWOT Analysis	II-102
Dr. W. Kolb AG	II-104
Introduction	II-104
Product Mix	II-104
Marketing Direction	II-105
Lion Corporation	II-107
Introduction	II-107
Product Mix	II-108
Marketing Direction	II-109
Oxiteno	II-111
Introduction	II-111

Table of Contents (continued)

		<u>Page</u>
	Product Mix	II-111
	Marketing Direction	II-113
	Tayca	II-116
	Introduction	II-116
	Product Mix	II-116
	Marketing Direction	II-118
III.	SURFACTANT MARKETS	III-1 - III-59
	Linear Alkylbenzene Sulfonates	III-2
	Intermediate Supply	III-2
	Capacity and Consumption	III-5
	Market Value and Pricing	III-6
	Applications	III-7
	Captive and Merchant Markets	III-11
	Merchant Market Shares	III-13
	Alcohol Ethoxysulfates	III-17
	Intermediate Supply	III-17
	Capacity and Consumption	III-17
	Market Value and Pricing	III-18
	Applications	III-19
	Captive and Merchant Markets	III-23
	Market Shares	III-24
	Alcohol Sulfates	III-27
	Intermediate Supply	III-27
	Capacity and Consumption	III-28
	Market Value and Pricing	III-29
	Applications	III-30
	Captive and Merchant Markets	III-34
	Market Shares	III-35
	Alcohol Ethoxylates	III-37
	Intermediate Supply	III-37
	Capacity and Consumption	III-38
	Market Value and Pricing	III-42
	Applications	III-42
	Captive and Merchant Markets	III-47
	Market Shares	III-48
	Alkylphenol Ethoxylates	III-50
	Intermediate Supply	III-50
	Capacity and Consumption	III-51
	Market Value and Pricing	III-51
	Applications	III-52
	Captive and Merchant Markets	III-56
	Market Shares	III-57
IV.	REGIONAL SURFACTANT OUTLOOK TO 2010 BY END USE	IV-1 - IV-44
	North America	IV-4
	Household Products	IV-5
	Heavy Duty Detergents	IV-6
	Light Duty Liquids	IV-8
	Other Household Products	IV-8
	Personal Care Products	IV-8
	Shampoo	IV-9

Table of Contents (continued)

	<u>Page</u>
Bath Additives	IV-10
Other Personal Care Products	IV-10
Industrial Applications	IV-10
I&I Cleaners	IV-11
Ag Chem	IV-11
Paint	IV-12
Paper	IV-12
Plastics and Elastomers	IV-12
Textiles	IV-13
Other Industrial Applications	IV-13
Latin America	IV-14
Household Products	IV-15
Heavy Duty Detergents	IV-16
Dish Detergents	IV-16
Personal Care Products	IV-17
Shampoo	IV-17
Toothpaste	IV-18
Other Personal Care Products	IV-18
Industrial Applications	IV-18
I&I Cleaners	IV-19
Industrial Process Aids	IV-19
West Europe	IV-20
Household Products	IV-22
Heavy Duty Detergents	IV-23
Light Duty Liquids	IV-24
Other Household Products	IV-25
Personal Care Products	IV-25
Shampoo	IV-26
Bath Additives	IV-27
Other Personal Care Products	IV-27
Industrial Applications	IV-27
I&I Cleaners	IV-28
Plastics and Elastomers	IV-28
Textiles	IV-29
Other Industrial End Uses	IV-29
Asia	IV-30
Household Products	IV-32
Heavy Duty Detergents	IV-32
Light Duty Liquids	IV-34
Other Household Products	IV-34
Personal Care Products	IV-35
Shampoo	IV-35
Toothpaste	IV-36
Bath and Shower Products	IV-36
Other Personal Care Products	IV-36
Industrial Applications	IV-37
I&I Cleaners	IV-37
Industrial Processing Aids	IV-37
Other Regions	IV-39
Household Products	IV-41
Detergent Markets	IV-42
Personal Care Products	IV-42

Table of Contents (continued)

	<u>Page</u>
Industrial Applications	IV-43
V. APPENDIX	V-1 - V-52
World Ethoxylators and Capacities by Region	V-2
World Sulfators/Sulfonators and Capacities by Region	V-16
List of Abbreviations	V-46
List of Contacts	V-51

LIST OF TABLES

Table	Page	
1	Regional Surfactant Consumption, 2000-2010	iii
2	New and Proposed Intermediate Capacity Additions, 2000-2004	vi
3	Regional Sulfation/Sulfonation Capacity and Apparent Operating Rates, 2001 and 2002	ix
4	Regional Ethoxylation Capacity and Apparent Operating Rates, 2001 and 2002	x
5	Regional Per Capita Consumption of Surfactants, 2000	xii
6	Key Integration and Surfactant Capacities of Top Global Companies, 2001	xii
7	World - Total Surfactant Consumption, 2000-2010	xv
8	World - Linear Alkylbenzene Sulfonates Consumption by Region, 2000-2010	xvi
9	World - Linear Alkylbenzene Sulfonates Consumption by End Use, 2000-2010	xvi
10	World - LABS Captive and Merchant Market Share for 2000	xvii
11	World - Alcohol Ethoxysulfates Consumption by Region, 2000-2010	xvii
12	World - Alcohol Ethoxysulfates Consumption by End Use, 2000-2010	xviii
13	World - Alcohol Ethoxysulfate Captive and Merchant Market Shares, 2000	xviii
14	World - Alcohol Sulfate Consumption by Region, 2000-2010	xix
15	World - Alcohol Sulfate Consumption by End Use, 2000-2010	xix
16	World - Alcohol Sulfate Captive and Merchant Market Shares for 2000	xx
17	World - Alcohol Ethoxylate Consumption by Region, 2000-2010	xxi
18	World - Alcohol Ethoxylate Consumption by End Use, 2000-2010	xxi
19	World - Alcohol Ethoxylate Captive and Merchant Market Shares for 2000	xxii
20	World - Alkylphenol Ethoxylates Consumption by Region, 2000-2010	xxii
21	World - Alkylphenol Ethoxylates Consumption by End Use, 2000-2010	xxiii
22	North America - Total Surfactant Consumption, 2000-2010	xxiv
23	Latin America - Total Surfactant Consumption, 2000-2010	xxv
24	West Europe - Total Surfactant Consumption, 2000-2010	xxvi
25	Asia - Total Surfactant Consumption, 2000-2010	xxvii
26	Other Regions - Total Surfactant Consumption, 2000-2010	xxviii
I-1	New and Proposed Intermediate Capacity Additions, 2000-2004	I-26
I-2	Worldwide Alcohol Capacity Changes, 2000-2002	I-27
I-3	cmc and Krafft Temperatures of AS, MES and LABS	I-37
I-4	Physico-Chemical Properties of C ₁₄₋₁₆ AOS/C _{11,4} LAS Surfactant System	I-45
I-5	Asia - Alpha-Olefin Sulfonate Producers and Sulfonation Capacities, 2000	I-47
I-6	Commercial LABS Properties	I-49
I-7	Regional Sulfation/Sulfonation Capacity and Apparent Operating Rates, 2000 and 2002	I-59
I-8	North America - Selected Sulfator/Sulfonator Capacities, 2002	I-60
I-9	Latin America - Non-integrated Producers, Locations and Capacities, 2001	I-62
I-10	Major European Sulfator/Sulfonator Products and Capacities, 2001	I-64
I-11	Other European Sulfator/Sulfonator Capacities, 2002	I-65
I-12	Asia - Sulfators/Sulfonators and Capacities Operating in Multiple Countries, 2001	I-66
I-13	Asia - Sulfators/Sulfonators Locations and Capacities, 2001	I-66
I-14	Regional Ethoxylation Capacity and Apparent Operating Rates, 2000 and 2002	I-70
I-15	North America - Top Non-Integrated Ethoxylators, 2001	I-71
I-16	Latin America - Ethoxylators and Capacities, 2001	I-73
I-17	West Europe - Detergent Alcohol and EO Producing Ethoxylators	I-74
I-18	West Europe - Ethoxylators and Capacities, 2001	I-75
I-19	Asia - Integrated Ethoxylators Location and Capacities, 2001	I-76

List of Tables (continued)

Table	Page	Page
I-20	Asia - Ethoxylators Location and Capacities, 2001	I-77
I-21	World Economic Data by Region, 2000	I-81
I-22	North America - Per Capita Surfactant Consumption, 2000	I-84
I-23	Latin America - Per Capita Surfactant Consumption, 2000	I-85
I-24	West Europe - Per Capita Surfactant Consumption, 2000	I-87
I-25	Asia - Per Capita Surfactant Consumption, 2000	I-88
I-26	Other Regions - Per Capita Surfactant Consumption, 2000	I-89
II-1	Surfactants - Key Developments by Company	II-15
II-2	Acquisition Suitability by Acquirer and Target Acquiree	II-20
II-3	Anionic Surfactant Matrix	II-24
II-4	Nonionic Surfactant Matrix	II-25
II-5	BASF - Surfactant Capabilities by Region, 2001	II-28
II-6	BASF - Intermediate and Surfactant Plants, 2001	II-29
II-7	BASF Sales by Region, 1999 (Actual) and 2005 (Targeted)	II-31
II-8	Cognis Organization	II-35
II-9	Cognis - Regional Product Positions	II-36
II-10	Regional Cognis Integration Factors	II-37
II-11	Cognis - Production Locations, Products and Capacities, 2001	II-37
II-12	Dow - Surfactant Capacities by Region, 2001	II-46
II-13	Dow - Intermediate and Surfactant Plants, 2001	II-47
II-14	Huntsman Corporation Regional Product Positions	II-56
II-15	Huntsman Corporation - Plant Locations, Products and Capacities, 2002	II-57
II-16	Kao's Worldwide Subsidiaries and Affiliates	II-62
II-17	Kao's Japanese Production Sites	II-64
II-18	Kao Corporation - Regional Product Positions	II-64
II-19	Kao - Plant Location, Products and Capacity, 2001	II-67
II-20	Rhodia Organization, 2001	II-74
II-21	Rhodia - Regional Product Positions	II-75
II-22	Regional Rhodia Integration Factors, 2001	II-76
II-23	Rhodia - Sulfation/Sulfonation Plant Locations, Products and Capacities, 2001	II-76
II-24	Rhodia - Ethoxylation Plant Locations, Products and Capacities, 2001	II-77
II-25	Sasol Olefins and Surfactants Product Positions	II-84
II-26	Sasol Olefins and Surfactants Plant Locations, Products and Capacities, 2002	II-85
II-27	Shell - Surfactant Capabilities by Region, 2001	II-91
II-28	Shell - Intermediate and Surfactant Plants, 2001	II-93
II-29	Stepan - Regional Product Positions	II-100
II-30	Stepan Company Plant Locations, Products and Capacities, 2002	II-101
II-31	Lion's Sulfonation and Ethoxylation Units, 2001	II-108
II-32	Oxiten's Surfactant Related Capacities, 2001	II-112
II-33	Oxiten's Sales, 1999-2001	II-113
II-34	Tayca's Sulfonation Units and Capacities, 2001	II-117
III-1	World LAB Capacity by Region, 2000-2010	III-3
III-2	Estimated Sulfation/Sulfonation Capacity, 2001	III-5
III-3	World - Linear Alkylbenzene Sulfonates Consumption by Region, 2000-2010	III-6
III-4	World - Linear Alkylbenzene Sulfonates Consumption by End Use, 2000-2010	III-7
III-5	North America - Linear Alkylbenzene Sulfonates Consumption by End Use, 2000-2010	III-8
III-6	Latin America - Linear Alkylbenzene Sulfonates Consumption by End Use, 2000-2010	III-9
III-7	West Europe - Linear Alkylbenzene Sulfonates Consumption by End Use, 2000-2010	III-9
III-8	Asia - Linear Alkylbenzene Sulfonates Consumption by End Use, 2000-2010	III-10

List of Tables (continued)

Table	Page	
III-9	Other Regions - Linear Alkylbenzene Sulfonates Consumption by End Use, 2000-2010	III-11
III-10	World - LABS Captive and Merchant Market Shares for 2000	III-11
III-11	North America - LABS Merchant Market Share by Major Producer, 2000	III-13
III-12	Latin America - LABS Merchant Market Share by Major Producer, 2000	III-14
III-13	West Europe - LABS Merchant Market Share by Major Producer, 2000	III-15
III-14	Asia - LABS Merchant Market Share by Major Producer, 2000	III-16
III-15	World - Alcohol Ethoxysulfates Consumption by Region, 2000-2010	III-18
III-16	World - Alcohol Ethoxysulfates Consumption by End Use, 2000-2010	III-20
III-17	North America - Alcohol Ethoxysulfates Consumption by End Use, 2000-2010	III-21
III-18	Latin America - Alcohol Ethoxysulfates Consumption by End Use, 2000-2010	III-21
III-19	West Europe - Alcohol Ethoxysulfates Consumption by End Use, 2000-2010	III-22
III-20	Asia - Alcohol Ethoxysulfates Consumption by End Use, 2000-2010	III-23
III-21	Other Regions - Alcohol Ethoxysulfates Consumption by End Use, 2000-2010	III-23
III-22	World - Alcohol Ethoxysulfate Captive and Merchant Market Shares, 2000	III-24
III-23	North America - Alcohol Ethoxysulfate Merchant Market Share by Major Producer, 2000	III-25
III-24	Latin America - Alcohol Ethoxysulfate Merchant Market Share by Major Producer, 2000	III-25
III-25	West Europe - Alcohol Ethoxysulfate Merchant Market Share by Major Producer, 2000	III-26
III-26	Asia - Alcohol Ethoxysulfate Merchant Market Share by Major Producer, 2000	III-26
III-27	World - Alcohol Sulfates Consumption by Region, 2000-2010	III-28
III-28	World - Alcohol Sulfates Consumption by End Use, 2000-2010	III-31
III-29	North America - Alcohol Sulfates Consumption by End Use, 2000-2010	III-32
III-30	Latin America - Alcohol Sulfates Consumption by End Use, 2000-2010	III-32
III-31	West Europe - Alcohol Sulfates Consumption by End Use, 2000-2010	III-33
III-32	Asia - Alcohol Sulfates Consumption by End Use, 2000-2010	III-33
III-33	Other Regions - Alcohol Sulfates Consumption by End Use, 2000-2010	III-34
III-34	World - Alcohol Sulfate Captive and Merchant Market Shares for 2000	III-34
III-35	North America - Alcohol Sulfate Merchant Market Share by Major Producer, 2000	III-35
III-36	Latin America - Alcohol Sulfate Merchant Market Share by Major Producer, 2000	III-35
III-37	West Europe - Alcohol Sulfate Merchant Market Share by Major Producer, 2000	III-36
III-38	Asia - Alcohol Sulfate Merchant Market Share by Major Producer, 2000	III-36
III-39	World - Ethoxylation Capacity by Region, 2001	III-39
III-40	World - Total Consumption of AE, AS, AE and AE Used to Make AES by Region, 2000-2010	III-40
III-41	World - Alcohol Ethoxylates Consumption by Region, 2000-2010	III-41
III-42	World - Alcohol Ethoxylates Consumption by End Use, 2000-2010	III-44
III-43	North America - Alcohol Ethoxylates Consumption by End Use, 2000-2010	III-45
III-44	Latin America - Alcohol Ethoxylates Consumption by End Use, 2000-2010	III-45
III-45	West Europe - Alcohol Ethoxylates Consumption by End Use, 2000-2010	III-46
III-46	Asia - Alcohol Ethoxylates Consumption by End Use, 2000-2010	III-46
III-47	Other Regions - Alcohol Ethoxylates Consumption by End Use, 2000-2010	III-47
III-48	World - Alcohol Ethoxylate Captive and Merchant Market Shares, 2000	III-47
III-49	North America - Alcohol Ethoxylate Merchant Market Share by Major Producer, 2000	III-48
III-50	Latin America - Alcohol Ethoxylate Merchant Market Share by Major Producer, 2000	III-49
III-51	West Europe - Alcohol Ethoxylate Merchant Market Share by Major Producer, 2000	III-49
III-52	World - Alkylphenol Ethoxylates Consumption by Region, 2000-2010	III-51
III-53	World - Alkylphenol Ethoxylates Consumption by End Use, 2000-2010	III-53
III-54	North America - Alkylphenol Ethoxylates Consumption by End Use, 2000-2010	III-54
III-55	Latin America - Alkylphenol Ethoxylates Consumption by End Use, 2000-2010	III-54
III-56	West Europe - Alkylphenol Ethoxylates Consumption by End Use, 2000-2010	III-55
III-57	Asia - Alkylphenol Ethoxylates Consumption by End Use, 2000-2010	III-56
III-58	Other Regions - Alkylphenol Ethoxylates Consumption by End Use, 2000-2010	III-56

List of Tables (continued)

Table	Page	
III-59	World - Alkylphenol Ethoxylate Captive and Merchant Market Share by Major Producer, 2000	III-57
III-60	North America - Alkylphenol Ethoxylate Merchant Market Share by Major Producer, 2000	III-58
III-61	Latin America - Alkylphenol Ethoxylate Merchant Market Share by Major Producer, 2000	III-58
III-62	West Europe - Alkylphenol Ethoxylate Merchant Market Share by Major Producer, 2000	III-59
III-63	Asia - Alkylphenol Ethoxylate Merchant Market Share by Major Producer, 2000	III-59
IV-1	World - Total Surfactant Consumption, 2000-2010	IV-1
IV-2	World - Consumption of Primary Surfactants by End Use, 2000	IV-3
IV-3	North America - Total Surfactant Consumption, 2000-2010	IV-4
IV-4	North America - Consumption of Primary Surfactants by End Use, 2000	IV-5
IV-5	North America - Primary Surfactant Consumption in Household End Uses, 2000-2010	IV-6
IV-6	North America - Primary Surfactant Consumption in Personal Care, 2000-2010	IV-9
IV-7	North America - Primary Surfactant Consumption in Industrial Uses, 2000-2010	IV-11
IV-8	Latin America - Total Surfactant Consumption, 2000-2010	IV-14
IV-9	Latin America - Consumption of Primary Surfactants by End Use, 2000	IV-15
IV-10	Latin America - Primary Surfactant Consumption in Household End Uses, 2000-2010	IV-16
IV-11	Latin America - Primary Surfactant Consumption in Personal Care, 2000-2010	IV-17
IV-12	Latin America - Primary Surfactant Consumption in Industrial Uses, 2000-2010	IV-19
IV-13	West Europe - Total Surfactant Consumption, 2000-2010	IV-20
IV-14	West Europe - Consumption of Primary Surfactants by End Use, 2000	IV-22
IV-15	West Europe - Primary Surfactant Consumption in Household End Uses, 2000-2010	IV-22
IV-16	West Europe - Primary Surfactant Consumption in Personal Care, 2000-2010	IV-26
IV-17	West Europe - Primary Surfactant Consumption in Industrial Uses, 2000-2010	IV-28
IV-18	Asia - Total Surfactant Consumption, 2000-2010	IV-30
IV-19	Asia - Consumption of Primary Surfactants by End Use, 2000	IV-31
IV-20	Asia - Primary Surfactant Consumption in Household End Uses, 2000-2010	IV-32
IV-21	Asia - Primary Surfactant Consumption in Personal Care, 2000-2010	IV-35
IV-22	Asia - Primary Surfactant Consumption in Industrial Uses, 2000-2010	IV-37
IV-23	Other Regions - Total Surfactant Consumption, 2000-2010	IV-40
IV-24	Other Regions - Consumption of Primary Surfactants by End Use, 2000-2010	IV-41
IV-25	Other Regions - Primary Surfactant Consumption in Household End Uses, 2000-2010	IV-42
IV-26	Other Regions - Primary Surfactant Consumption in Personal Care, 2000-2010	IV-43
IV-27	Other Regions - Primary Surfactant Consumption in Industrial Uses, 2000-2010	IV-44

LIST OF FIGURES

Figure		Page
I-1	Fatty Alcohol Sensitivity to Substitution, 2000	I-32
I-2	Comparison of Surfactants FTS	I-36
I-3	Effect of MES Carbon Chain Length on its Detergency	I-39
I-4	Calcium Tolerance of MES/LAS Detergent	I-40
I-5	MLAS Performance Advantages	I-52
I-6	MLAS Formulation Advantages	I-53
I-7	UOP LAB Flow Scheme	I-54
I-8	UOP MLAB Flow Scheme	I-56
I-9	World - Regional Economic Data, 2000	I-82
I-10	Value Chain Structure	I-91
II-1	Producer Alignments Relative to Hydrophobe/Hydrophile Position	II-3
II-2	Kao's 2001 Sales by Business Sector	II-65
II-3	Kao's 2001 Sales by Geographic Sector	II-70
II-4	Lion Corporation Sales by Segment, 2001	II-107

SAMPLE TABLES

Table I-10						
MAJOR EUROPEAN SULFATOR/SULFONATOR PRODUCTS AND CAPACITIES, 2001 (thousand tons)						
Company	Capacity	Products			Integration	Comment
		LABS	AES/AS	Other		
TOTAL						

Table II-11			
COGNIS - PRODUCTION LOCATIONS, PRODUCTS AND CAPACITIES, 2001 (thousand tons)			
Location	Process	Products	Capacity
United States			
Argentina			
Brazil			
Mexico			
Venezuela			
France			
Germany			
Italy			
Spain			
China			
Indonesia			
Japan			
Malaysia			
Thailand			
Turkey			

Table III-16	
WORLD - ALCOHOL ETHOXYSULFATES CONSUMPTION BY END USE, 2000-2010	

(thousand tons)					
	2000	2002	2005	2010	AAGR % 2000-2010
Household					
Personal Care					
Industrial					
TOTAL					

Table III-22					
WORLD - ALCOHOL ETHOXYSULFATE CAPTIVE AND MERCHANT MARKET SHARES, 2000					
Region	Consumption (thousand tons)	Captive Market		Merchant Market	
		thousand tons	%	thousand tons	%
North America					
Latin America					
West Europe					
Asia					
TOTAL					

Table III-35		
NORTH AMERICA - ALCOHOL SULFATE MERCHANT MARKET SHARE BY MAJOR PRODUCER, 2000		
	Volume (thousand tons)	Market Share (percent)
TOTAL		

Table III-44					
LATIN AMERICA - ALCOHOL ETHOXYLATES CONSUMPTION BY END USE, 2000-2010 (thousand tons)					
	2000	2002	2005	2010	AAGR % 2000-2010
Household					
Personal Care					
Industrial					
TOTAL					

Table IV-22					
ASIA - PRIMARY SURFACTANT CONSUMPTION IN INDUSTRIAL USES, 2000-2010 (thousand tons)					
	2000	2002	2005	2010	AAGR% 2000-2010
Linear alkylbenzene sulfonates					
Alcohol ethoxysulfates					
Alcohol sulfates					
Alcohol ethoxylates					
Alkylphenol ethoxylates					
TOTAL					

QUALIFICATIONS AND PERSONNEL

Colin A. Houston & Associates Inc. was founded in 1971 to provide consulting services to the chemical industry worldwide. The primary area of expertise was and continues to be surfactants: raw materials, intermediates, major surfactants, and the surfactant-consuming industries. Other areas of activity include: a variety of industry studies on such topics as oilfield chemicals, detergent builders, ingredients for personal care products, and bleaching agents; engineering studies such as a worldwide study of glycerine evaporation plants with recommendations for improved efficiency; a world study of the state of the art in spray-drying detergents; contracts with the U.S. Government to develop industry effluent guidelines; and business strategy and acquisition studies.

In addition to surfactants, CAHA has studied other aspects of the detergent market including detergent builders, bleach systems, enzymes and fabric softeners. We have also developed a considerable database on personal care products. Similar studies have been conducted covering West Europe, Asia and South America markets. CAHA also publishes a bi-monthly newsletter, *Agglomerations*, covering international developments in compact detergents and the bi-monthly *LAB Market Report*, providing up-to-date market information and analysis in the world detergent alkylate market.

The reputation thus earned by CAHA for comprehensive, high quality techno-economic and market analyses has led to a variety of engineering, marketing, and strategic planning studies for individual clients in North America, West Europe, and the Asia/Pacific region.

The project team approach utilized by CAHA includes a core of senior and technical professionals augmented by expert consultant associates. The following brief synopses present the staff and consultants who carried out the study, *Surfactant Developments - Forecast to 2010*.

Joel H. Houston, President,

was the project leader for numerous multiclient studies including HIGHER ALCOHOLS: MARKET FORECAST TO 2010, SURFACTANTS FOR EMERGING MARKETS IN ASIA/PACIFIC, 1996-2010, OPPORTUNITIES IN PERFORMANCE SURFACTANTS IN THE U.S., SURFACTANTS FOR CONSUMER PRODUCTS - NORTH AMERICAN FORECAST TO 2008, and DETERGENT ALKYLATES - WORLD MARKETS, 1992-2005. He has guided CAHA's research in oleochemicals since 1980, and in detergents since 1987. Mr. Houston has extensive experience in projects for consumer products, has presented papers at CMRA, ECMRA and CSMA meetings, and is the editor of CAHA's global detergent newsletter, AGGLOMERATIONS. He is a member of CDMA, AOCS and ASTM.

Marilyn L. Bradshaw, Vice President,

was the project leader for INDUSTRIAL APPLICATIONS OF SURFACTANTS - NORTH AMERICAN FORECAST TO 2010, POLYOLEFIN COMONOMERS - WORLD MARKETS, 1995-2005 and ALPHA-OLEFINS - WORLD MARKETS, 2000-2010. Other recent multiclient studies she has directed include THE U.S. METALWORKING INDUSTRY AND SURFACTANT CONSUMPTION, 1995-2005, U.S. I&I CLEANING PRODUCTS - SURFACTANT SUPPLIERS AND CUSTOMERS, and MAJOR INDUSTRIAL APPLICATIONS OF SURFACTANTS - NORTH AMERICAN FORECAST TO 2005. She is the editor of CAHA's monthly alpha-olefin newsletter and provides consultation to clients on alpha-olefins. Since joining CAHA in 1980, she has also been the project leader for numerous proprietary projects such as an analysis of the growth prospects for 22 U.S. surfactant ethoxylators. Ms. Bradshaw has a B.A. from Finch College and an economics and management certificate from Manhattanville College. She is an active member of CDMA.

Dr. Darrel L. Muck, Senior Research Associate,

authored our multiclient studies GLUCOSAMIDES: THE CHALLENGE OF A NEW SUGAR-BASED SURFACTANT, 1993-1998 and DEVELOPMENTS IN DETERGENT BUILDER SYSTEMS - NORTH AMERICAN REPORT TO 2005. He has also contributed sections of CAHA's studies INDUSTRIAL APPLICATIONS OF SURFACTANTS - NORTH AMERICAN FORECAST TO 2010, SURFACTANTS FOR EMERGING MARKETS IN ASIA/PACIFIC, 1995-2010, SURFACTANTS FOR CONSUMER PRODUCTS - NORTH AMERICAN FORECAST TO 2008 and OPPORTUNITIES IN PERFORMANCE SURFACTANTS IN THE U.S. Dr. Muck has over 30 years experience in the chemical industry and was most recently Director of Commercial Development, FMC Chemicals Division. He holds B.S./ M.S. degrees in chemistry from Wichita State University and a Ph.D. in Organic Chemistry from the University of Florida. He is a member of ACS and AOCS.

H. James Bigalow, Senior Research Associate,

authored the Paper and Textiles end use sections of our multiclient studies INDUSTRIAL APPLICATIONS OF SURFACTANTS - NORTH AMERICAN FORECAST TO 2010 and SURFACTANTS FOR EMERGING MARKETS IN ASIA/PACIFIC, 1995-2010, contributed to DETERGENT ALKYLATES - WORLD MARKETS, 1995-2010 and SURFACTANTS FOR CONSUMER PRODUCTS - NORTH AMERICAN FORECAST TO 2008 and has worked on proprietary detergent and surfactant studies. Mr. Bigalow has over 20 years experience as a senior marketing research executive in the chemical industry. He has conducted successful business analysis projects which have included financial evaluations of businesses and acquisition candidates, identifying current and future markets for new and existing products, and product development and usage. Additional experience has included economic and sales forecasting, strategic planning, proprietary market research projects, benchmarking, and product safety. He is a member of the CDMA, the Society of Competitive Intelligence Professionals (SCIP), ACS and the Chemical Marketing and Economics Division of the ACS. Mr. Bigalow holds an M.S. Industrial Administration, Krannert School of Management, Purdue University and a B.S. degree in Chemistry, Denison University.

Holly Burnside, Research Associate

authored the linear alkylbenzene end use section of our multiclient study, NORMAL PARAFFINS - WORLD MARKETS, 2000-2010, and authors portions of our bimonthly LAB Market Newsletter. She has also contributed to a proprietary study of global surfactant intercompetition. Ms. Burnside graduated with honors from Union College with a B.S. degree in Physics and a minor in Mathematics.

HOW TO SUBSCRIBE

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