

Cosmetic Chemicals

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Abstract

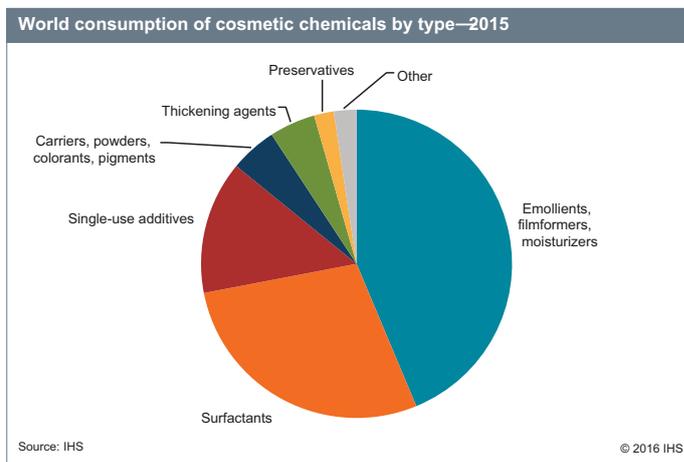
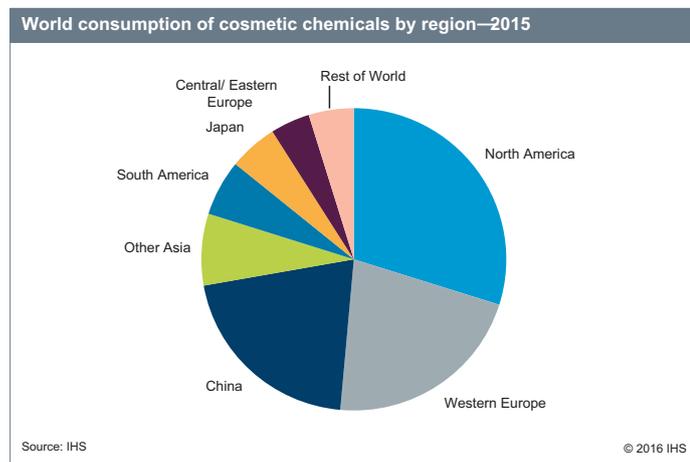
This report focuses on the business of manufacturing and marketing chemicals that are used as ingredients in cosmetics and toiletry products. It excludes natural soaps (i.e., sodium or potassium tallowate or coconate) as well as fillers and binders used in soaps. Ethanol (a large-volume solvent), fragrances, propellants, and dental polishing agents are also excluded.

The driving forces in the worldwide cosmetics industry include

- The growing consumer preference for natural, mild, and non-animal-based products
- Corporate and consumer interest in environmentally friendly, sustainably produced ingredients
- Strong interest in antiaging products, particularly in the developed world
- Growing demand for beauty products that are tailored to the needs of specific ethnic groups
- The increased use of personal care products by men
- The growing role of individual consumers and advocacy groups in discussions of ingredient safety

These issues have accounted for much of the recent new product development work and are likely to determine many of the future changes in the cosmetic chemical industry.

The following pie charts show consumption of cosmetic chemicals by region and type, based on value.



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At present, North America consumes the largest volume of cosmetic ingredients. By 2017, however, China is expected to become the world's largest market for cosmetic chemicals. Growth rates for North America, Western Europe, and Japan are expected to range from 0.5% to 2%, while the market in China is expected to grow at an average annual rate of 8% during 2015–20.

Approximately 1,000–1,500 chemical entities are recognized as cosmetic chemicals worldwide. This report groups these compounds into the major categories shown above. Products within each functional category often compete with one another, regardless of chemical similarities. The single-use additives category includes antidandruff agents, antiperspirants and deodorants, hair conditioning polymers and silicone fluids, hair setting resins, and sunscreens.

The cosmetic chemicals industry is fragmented; hundreds of producers/suppliers provide the broad array of organic and inorganic chemicals that are the essential ingredients of cosmetics and toiletries. However, 20 or so major multinational companies control a substantial share of the cosmetic chemicals business. In most segments, between two and four companies dominate the market in a given geographical region. In North America and Western Europe, most cosmetic chemicals are sold directly to the cosmetics industry; a much smaller share is sold to distributors and small specialty formulators. In Japan, distributors and specialty formulators play a much larger role.

The growing need for higher-performance, higher-purity products and data documenting their safety and efficacy has improved the competitive position of the large multinational cosmetic chemical producers. These companies have greater resources available for R&D, technical service, and expensive, time-consuming health and safety tests. They can also use these resources to supply the large multinational cosmetic companies on a worldwide basis, further increasing their position as the leading suppliers to cosmetic companies.

Five major trends will shape the markets of the future:

- Population growth, resulting in more consumers
- Higher disposable income in the developing countries, resulting in more money to spend
- Increasing consumer awareness regarding wellness and health, resulting in more “actives”; more “mild” / “renewable” ingredients will be demanded
- Further market segregation: ethnic products, male grooming, silver agers, adolescents, resulting in new market opportunities
- Tightening of legislation concerning safety of cosmetic chemicals, resulting in rising development costs for formulations as substances under scrutiny need to be replaced

Producers of cosmetic chemicals have already adapted to these trends with increased investment in developing countries, many of which also offer rich sources of natural products that can be used in cosmetics. This trend is bound to continue as local formulators in these growing markets need both cosmetic chemicals that are easily available and assistance in advanced formulation technologies.

Contents

Abbreviations	8
Executive summary	11
Summary	12
Introduction	14
Overview of the cosmetics industry	15
World	15
Cosmetic markets	15
Product segmentation	16
Trends	16
North America	18
Market size and growth	18
Major cosmetic and toiletry companies	21
Participants	21
Recent acquisitions and divestitures	22
Industry trends	24
South America	25
Argentina	26
Brazil	27
Other South America	29
Western Europe	29
Market size and growth	29
Market size	29
Market growth	31
Major cosmetic companies	32
Industry trends	33
Central and Eastern Europe	35
Market size and growth	35
Market size	35
Market growth	35
Major cosmetic companies	35
Japan	36
Market size and growth	36
Manufacturing	38
Major cosmetic companies	38
Retail markets	40
China	40
Market size and growth	40
Major cosmetic companies	41
Industry trends	43
India	44
Market size and growth	44
Major cosmetic companies	45
South Korea	45
Market size and growth	45

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Major cosmetic companies	46
Thailand	46
Market size and growth	46
Major cosmetic companies	47
Other Asia	47
Market size and growth	47
Major cosmetic companies	49
Overview of the cosmetic chemicals industry	51
World	51
Structure of the industry	51
Major producers	51
Operating characteristics	52
Research and development	52
Manufacturing	53
Marketing	53
Cost structure	55
Trends and opportunities	56
Critical factors for success	58
North America	59
Structure of the industry	59
Company profiles	62
Ashland Inc.	62
The Dow Chemical Company	63
Government regulations	63
Western Europe	65
Structure of the industry	65
Company profile—BASF SE (Germany)	69
Government regulations	70
Cosmetics directive	70
Labeling	71
Safety	71
Japan	71
Industry structure	71
Company profiles	72
ICHIMARU PHARCOS Co., Ltd.	72
Nikko Chemicals Group	72
Government regulations	73
Regulation concerning Bovine spongiform encephalopathy (BSE)	73
Other labeling requirements	73
Nanomaterial concerns	74
China	74
Industry structure	74
Manufacturing	75
Company profile—Guangzhou Tinci Material Technology Co., Ltd.	75
Government regulations	75
Cosmetic chemical products and functions	77
Emollients and moisturizers	77
Amino acids and polypeptides	78
Esters, fatty acids, and fatty alcohols	78
Hydrocarbons	79
Lanolin and derivatives	79
Polyols	79
Silicones	79
Triglycerides	80

Other	80
Surfactants	80
Primary surfactants	81
Auxiliary surfactants	82
Emulsifiers	82
Refatting agents	82
Substantivity agents	83
Thickening agents	83
Cellulose ethers	83
Natural gums	84
Polyacrylates	84
Silicas and silicates	84
Other thickening agents	84
Colors and pearlescent pigments	85
Carriers	85
Preservatives	86
Single-use additives	88
Antidandruff agents	88
Antiperspirants and deodorants	88
Hair conditioning polymers and silicone fluids	88
Hair setting resins	89
Sunscreens	90
Other actives and cosmeceuticals	90
Cosmetic chemical products in North America	92
Overview	92
Emollients and moisturizers	93
Consumption	93
Market participants	94
Prices	95
Surfactants	96
Consumption	96
Market participants	98
Prices	99
Future trends and strategic issues	99
Thickening agents	100
Consumption	100
Market participants	101
Prices	102
Colors and pearlescent pigments	102
Consumption	102
Market participants	103
Prices	104
Carriers	104
Consumption	104
Market participants	105
Prices	105
Preservatives	105
Consumption	105
Market participants	108
Prices	109
Single-use additives	109
Hair conditioning polymers	109
Consumption	109
Market participants	110

Prices	111
Hair setting resins	111
Consumption	111
Market participants	112
Prices	112
Sunscreen chemicals	112
Consumption	112
Market participants	115
Prices	116
Antiperspirants and deodorants	116
Consumption	116
Market participants	117
Prices	117
Antidandruff agents	117
Consumption	117
Market participants	118
Prices	118
Other	119
Consumption	119
Market participants	120
Prices	121
Cosmetic chemical products in Brazil	122
Consumption	122
Market participants	123
Industry trends	124
Cosmetic chemical products in Western Europe	125
Overview	125
Emollients, filmformers, and moisturizers	125
Consumption	125
Market participants	127
Prices	131
Surfactants	132
Consumption	132
Market participants	134
Prices	137
Thickening agents	137
Consumption	137
Market participants	138
Prices	141
Colors and pearlescent pigments	141
Consumption	141
Market participants	143
Prices	145
Carriers and powders	145
Consumption	145
Market participants	146
Prices	146
Preservatives	147
Consumption	147
Market participants	148
Prices	150
Single-use additives	151
Hair conditioning polymers	151
Consumption	151

Market participants	152
Prices	153
Hair setting resins	154
Consumption	154
Market participants	155
Prices	156
Sunscreen chemicals	156
Consumption	156
Market participants	158
Prices	159
Antiperspirants and deodorants	159
Consumption	159
Market participants	161
Prices	161
Antidandruff agents	162
Consumption	162
Market participants	163
Prices	163
Other	163
Consumption	163
Market participants	166
Prices	167
Cosmetic chemical products in Japan	168
Overview	168
Emollients and moisturizers	168
Consumption and markets	168
Market participants	172
Prices	175
Future trends and strategic issues	176
Surfactants	176
Consumption and markets	176
Anionics	177
Nonionics	178
Cationics	178
Amphoterics	178
Market participants	178
Prices	179
Future trends and strategic issues	180
Thickening agents	180
Consumption and markets	180
Market participants	181
Prices	182
Future trends and strategic issues	182
Colors, carriers, and pigments	183
Consumption and markets	183
Market participants	185
Prices	186
Future trends and strategic issues	187
Preservatives, antioxidants, and chelating agents	188
Consumption and markets	188
Market participants	189
Prices	190
Future trends and strategic issues	190
Single-use additives	190

Hair conditioning polymers	190
Consumption and markets	190
Market participants	191
Prices	192
Future trends and strategic issues	192
Hair setting resins	193
Consumption and markets	193
Market participants	194
Prices	194
Future trends and strategic issues	195
Sunscreen chemicals	195
Consumption and markets	195
Market participants	196
Prices	198
Future trends and strategic issues	198
Antiperspirants and deodorants	199
Consumption and markets	199
Market participants	199
Prices	200
Antidandruff agents	200
Consumption, markets, and market participants	200
Prices	200
Other	200
Consumption and markets	200
Market participants	201
Prices	204
Cosmetic chemical products in China	205
Emollients/moisturizers	206
Surfactants	209
Thickeners	212
Colors and pearlescent pigments	213
Carriers	215
Consumption	215
Market participants	215
Prices	216
Preservatives	216
Single-use additives	218
Hair conditioning polymers	218
Hair setting resins	220
Sunscreen chemicals	221
Antidandruff agents	223
Cosmetic chemical products in Other Asia	225
Consumption and markets	225
Market participants	227

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