

Alkylamines (C₁-C₆)

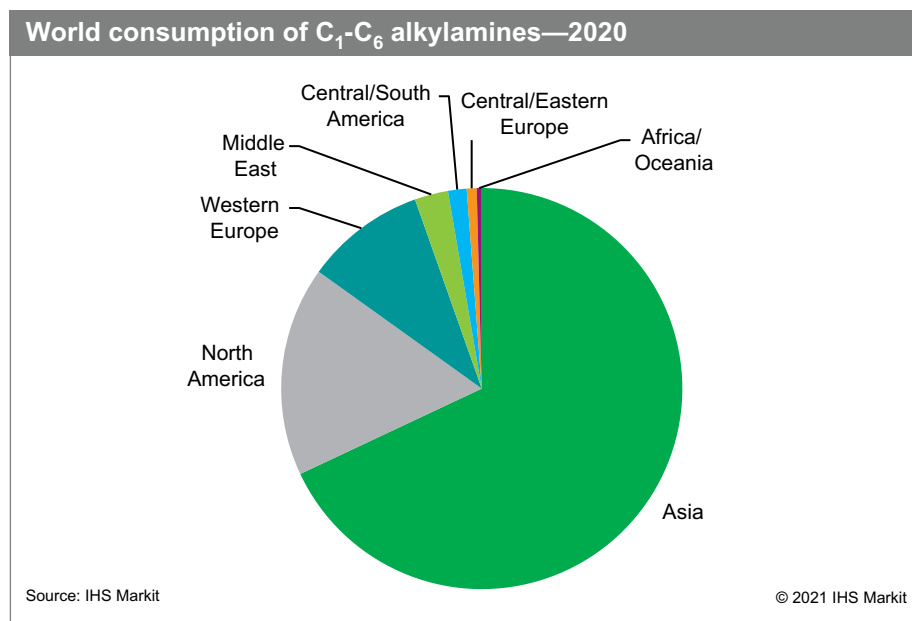
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Abstract

Amines are a versatile class of compounds used in organic synthesis. There are heterocyclic, aromatic, and specialty amines. The C₁-C₆ alkyl monoamines (RNH₂, R₂NH, R₃N) discussed in this report include mainly methylamines (C₁), ethylamines (C₂), n- and isopropylamines (C₃), n- and isobutylamines (C₄), and cyclohexylamines (C₆). Each individual C₁-C₆ alkylamine has its own set of applications, with the largest applications including the manufacture of solvents, pesticides, feed additives, rubber-processing chemicals, and water treatment chemicals

Global consumption of C₁-C₆ alkyl monoamines will continue to grow at an average rate of 2.2% during 2020-25, driven primarily by the developing market in Asia, particularly India and Southeast Asia. Demand in mainland China will continue to grow, but there are signs that it will slow owing to environmental issues, among other factors. Demand for alkylamines will vary by product and region, driven by the development of industries including solvents, pesticides, feed additives, rubber-processing chemicals, water treatment chemicals, pharmaceuticals, and electronics.

The following pie chart shows world consumption of C₁-C₆ alkylamines in 2020:



For more detailed information, see the table of contents, shown below.

IHS Markit's Chemical Economics Handbook – Alkylamines (C₁-C₆) is the comprehensive and trusted guide for anyone seeking information on this industry. This latest report details global and regional information, including

Contacts

IHS Markit Customer Care • CustomerCare@ihsmarkit.com





Global summary;
regional coverage



Producers with
annual capacities
and plant sites



Production figures
and trends



Consumption and
forecasts by end use
application



Manufacturing
processes and
environmental issues



Trade - imports
and exports

Key benefits

IHS Markit's Chemical Economics Handbook – Alkylamines (C₁-C₆) has been compiled using primary interviews with key suppliers and organizations, and leading representatives from the industry in combination with IHS Markit's unparalleled access to upstream and downstream market intelligence and expert insights into industry dynamics, trade, and economics.

This report can help you

- Identify trends and driving forces influencing chemical markets
- Forecast and plan for future demand
- Understand the impact of competing materials
- Identify and evaluate potential customers and competitors
- Evaluate producers
- Track changing prices and trade movements
- Analyze the impact of feedstocks, regulations, and other factors on chemical profitability

Contents

Executive summary	8
Summary	10
Introduction	17
Manufacturing processes	23
Alcohol-amine reaction	23
Aldehyde-amine and ketamine hydrogenation reaction	23
Nitrile reduction	24
Ritter reaction	24
Direct amination	24
Hydrogenation of anilines	24
Reaction of alkyl halides with amines (or ammonia)	24
Environmental issues	25
Supply and demand by region	26
United States	26
– Producing companies	26
– Production	27
– Consumption	27
– Methylamines	28
– Methylamine	29
– Dimethylamine	32
– Trimethylamine	36
– Ethylamines	37
– Ethylamine	38
– Diethylamine	39
– Triethylamine	40
– Propylamines	41
– n-Propylamines	42
– Isopropylamines	43
– Butylamines	44
– n-Butylamine	44
– Di-n-butylamine	45
– Tri-n-butylamine	45
– Isobutylamines	46
– tert-Butylamine	46
– Cyclohexylamines	47
– Cyclohexylamine	47
– N-Alkylcyclohexylamines	47
– Other alkylamines	47
– Amylamines	48
– Allyl and methallylamines	48

– Price	49
– Trade	50
– Imports	50
– Exports	50
Canada	51
– Salient statistics	51
– Consumption	51
– Trade	52
Mexico	53
– Producing companies	53
– Salient statistics	53
– Consumption	54
– Trade	55
– Imports	55
– Exports	56
Central and South America	56
– Brazil	56
– Producing companies	56
– Salient statistics	56
– Production	57
– Consumption	58
– Trade	59
– Other Central and South America	60
– Salient statistics	60
– Consumption	61
Western Europe	62
– Producing companies	62
– Salient statistics	64
– Methylamines	65
– Ethylamines	66
– Propylamines	66
– Butylamines	66
– Cyclohexylamines	67
– Consumption	67
– By product	68
– Methylamines	68
– Ethylamines	70
– Propylamines	70
– Butylamines	70
– Cyclohexylamines	70
– Other amines	71
– By end use	71
– Agrochemicals	72

– Solvents	73
– Feed and food additives	74
– Rubber processing chemicals	74
– Water treatment chemicals	75
– Surfactants	75
– Paper and textiles	76
– Pharmaceuticals	76
– Other	77
– Price	77
– Trade	77
– Imports	77
– Exports	78
Central and Eastern Europe	79
– Producing companies	79
– Salient statistics	80
– Consumption	81
– Price	83
– Trade	83
– Imports	83
– Exports	84
Middle East	84
– Producing companies	85
– Salient statistics	85
– Consumption	86
– Price	87
– Trade	88
– Imports	88
– Exports	89
Africa	89
– Producing companies	89
– Salient statistics	90
– Consumption	90
– Price	92
– Trade	92
– Imports	92
– Exports	93
Indian Subcontinent	93
– Producing companies	93
– Salient statistics	94
– Consumption	95
– Trade	96
Mainland China	97
– Producing companies	97

– Salient statistics	100
– Production	100
– Consumption	102
– Methylamines	103
– Monomethylamine	103
– Dimethylamine	104
– Trimethylamine	107
– Ethylamines	107
– Monoethylamine	108
– Diethylamine	108
– Triethylamine	109
– Propylamines	110
– n-Propylamines	110
– Isopropylamines	110
– Butylamines	111
– Cyclohexylamines	112
– Trade	113
– Imports	113
– Exports	113
Northeast Asia	113
– Producing companies	114
– Japan	114
– South Korea	115
– Taiwan	115
– Salient statistics	115
– Japan	116
– South Korea	116
– Taiwan	117
– Production	117
– Japan	117
– South Korea and Taiwan	118
– Consumption	118
– Japan	118
– Methylamines	120
– Ethylamines	122
– Propylamines	123
– Butylamines	123
– Cyclohexylamines	125
– South Korea and Taiwan	126
– Price	126
– Trade	126
– Japan	126
– Imports	126

– Exports	127
– South Korea	128
– Imports	128
– Exports	129
– Taiwan	129
– Imports	129
– Exports	130
Southeast Asia	131
– Producing companies	131
– Salient statistics	131
– Consumption	131
– Trade	134
Additional resources	135
Revisions	136
Data Workbook	137

IHS Markit Customer Care

CustomerCare@ihsmarkit.com

Asia and the Pacific Rim

Japan: +81 3 6262 1887

Asia Pacific: +604 291 3600

Europe, Middle East, and Africa: +44 (0) 1344 328 300

Americas: +1 800 447 2273

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