

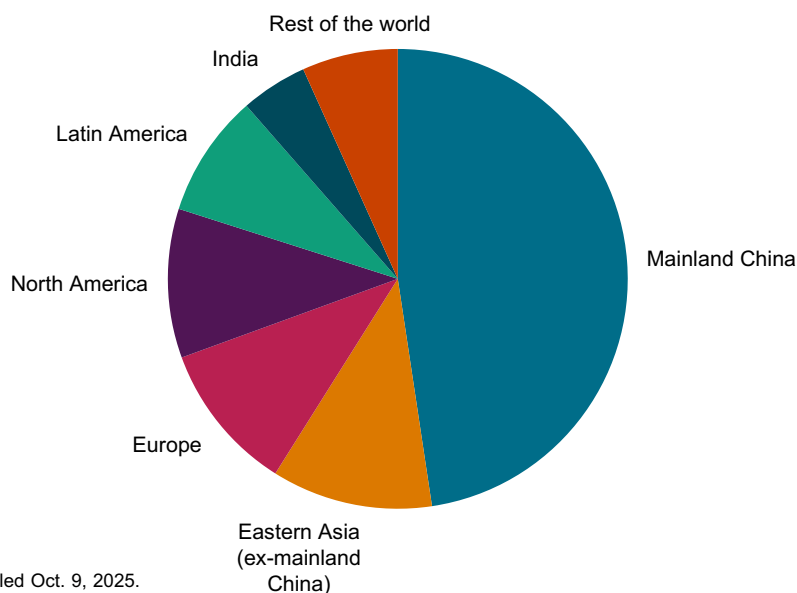
Fumaric Acid

November 2025

Abstract

Fumaric acid (trans-2-butenedioic acid) is a multifunctional chemical with a diverse set of end uses, including food and beverages, unsaturated polyester resins (UPR), L-aspartic acid, animal feed, rosin paper sizes, alkyd resins and pharmaceuticals/ferrous fumarate. The following chart presents global consumption of fumaric acid by region in 2025:

World consumption of fumaric acid — 2025



Data compiled Oct. 9, 2025.
Source: S&P Global Energy.
© 2025 S&P Global.

The food and beverages segment is the largest end use for fumaric acid. In food and beverage applications, fumaric acid serves primarily as an acidulant; it is used to adjust pH, enhance flavor and extend shelf life by controlling the growth of microorganisms. Expansion of this segment will be driven largely by demand increases in mainland China and

Latin America. In other regions, food and beverage applications are comparatively mature, and consumption growth will be more moderate.

UPR is the second-largest end use for fumaric acid in 2025. Demand for UPR is strongly dependent on construction/remodeling activity (residential and nonresidential) and motor vehicle production. Global consumption of fumaric acid in this end use will grow more slowly than demand for UPR itself because of competition from maleic anhydride in this application.

L-Aspartic acid production, the third-largest end use for fumaric acid, is expected to see slightly below-average growth during the forecast period. L-Aspartic acid and phenylalanine are the key building blocks for aspartame, a zero-calorie high-intensity sweetener that is widely used in diet soft drinks and other low-calorie foods. Mainland China is the largest producer and consumer of L-aspartic acid.

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

S&P Global's Chemical Economics Handbook – Fumaric Acid is the comprehensive and trusted guide for anyone seeking information on this industry. This latest report details global and regional information, including



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

S&P Global's Chemical Economics Handbook – Fumaric Acid has been compiled using primary interviews with key suppliers and organizations, and leading representatives from the industry in combination with S&P Global'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

Table of contents

Executive summary	6
Summary	7
Introduction	15
Manufacturing process	16
Supply and demand by region	17
United States	17
Producing companies	17
Salient statistics	17
Consumption	18
Food/beverages	20
Animal feed	20
Rosin paper sizes	21
Unsaturated polyester resins	21
Alkyd resins	22
Other	23
Price	24
Trade	25
Imports	25
Exports	26
Canada	27
Producing companies	27
Salient statistics	27
Consumption	28
Trade	30
Mexico	30
Producing companies	30
Salient statistics	31
Consumption	32
Trade	34
Central and South America	35
Producing companies	35
Salient statistics	36
Consumption	37
Trade	39
Imports	39
Exports	40
Western Europe	40
Producing companies	40
Salient statistics	41
Consumption	42
Unsaturated polyester resins	44
Alkyd resins	44

Feed additives	45
Food/beverages	45
L-Aspartic acid	46
Rosin paper sizes	46
Other	46
Price	47
Trade	47
Central and Eastern Europe	47
Salient statistics	47
Consumption	48
Trade	48
Turkey	48
Salient statistics	48
Consumption	49
Trade	49
Eurasia	49
Producing companies	49
Salient statistics	50
Consumption	51
Trade	51
Middle East	51
Producing companies	51
Salient statistics	51
Consumption	52
Trade	52
Africa	52
Producing companies	52
Salient statistics	53
Consumption	53
Trade	54
Southern Asia	54
Producing companies	54
Salient statistics	55
Consumption	56
Trade	58
Mainland China	58
Producing companies	58
Salient statistics	60
Consumption	61
L-Aspartic acid	62
Food and beverages	62
Unsaturated polyester resins	62
Rosin paper sizes	63
Alkyd resins	63
Animal feed	63
Ferrous fumarate and pharmaceuticals	64
Other	64

Price	64
Trade	64
Japan	65
Producing companies	65
Salient statistics	66
Consumption	66
Trade	68
Other Eastern Asia	68
Producing companies	68
Salient statistics	69
Consumption	69
Trade	71
South-eastern Asia	72
Producing companies	72
Salient statistics	72
Consumption	74
Trade	75
Oceania	76
Salient statistics	76
Consumption	76
Trade	76
Appendix — Geographic regions	77
Additional resources	78
Revisions	79

CONTACTS

Americas: +1 800 597 1344

Asia-Pacific: +60 4 296 1125

Europe, Middle East, Africa: +44 (0) 203 367 0681

www.spglobal.com/commodityinsights

www.spglobal.com/en/enterprise/about/contact-us.html

© 2025 by S&P Global Inc. All rights reserved.

S&P Global, the S&P Global logo, S&P Global Commodity Insights, and Platts are trademarks of S&P Global Inc. Permission for any commercial use of these trademarks must be obtained in writing from S&P Global Inc.

You may view or otherwise use the information, prices, indices, assessments and other related information, graphs, tables and images ("Data") in this publication only for your personal use or, if you or your company has a license for the Data from S&P Global Commodity Insights and you are an authorized user, for your company's internal business use only. You may not publish, reproduce, extract, distribute, retransmit, resell, create any derivative work from and/or otherwise provide access to the Data or any portion thereof to any person (either within or outside your company, including as part of or via any internal electronic system or intranet), firm or entity, including any subsidiary, parent, or other entity that is affiliated with your company, without S&P Global Commodity Insights' prior written consent or as otherwise authorized under license from S&P Global Commodity Insights. Any use or distribution of the Data beyond the express uses authorized in this paragraph above is subject to the payment of additional fees to S&P Global Commodity Insights.

S&P Global Commodity Insights, its affiliates and all of their third-party licensors disclaim any and all warranties, express or implied, including, but not limited to, any warranties of merchantability or fitness for a particular purpose or use as to the Data, or the results obtained by its use or as to the performance thereof. Data in this publication includes independent and verifiable data collected from actual market participants. Any user of the Data should not rely on any information and/or assessment contained therein in making any investment, trading, risk management or other decision. S&P Global Commodity Insights, its affiliates and their third-party licensors do not guarantee the adequacy, accuracy, timeliness and/or completeness of the Data or any component thereof or any communications (whether written, oral, electronic or in other format), and shall not be subject to any damages or liability, including but not limited to any indirect, special, incidental, punitive or consequential damages (including but not limited to, loss of profits, trading losses and loss of goodwill).

ICE index data and NYMEX futures data used herein are provided under S&P Global Commodity Insights' commercial licensing agreements with ICE and with NYMEX. You acknowledge that the ICE index data and NYMEX futures data herein are confidential and are proprietary trade secrets and data of ICE and NYMEX or its licensors/suppliers, and you shall use best efforts to prevent the unauthorized publication, disclosure or copying of the ICE index data and/or NYMEX futures data.

Permission is granted for those registered with the Copyright Clearance Center (CCC) to copy material herein for internal reference or personal use only, provided that appropriate payment is made to the CCC, 222 Rosewood Drive, Danvers, MA 01923, phone +1-978-750-8400. Reproduction in any other form, or for any other purpose, is forbidden without the express prior permission of S&P Global Inc. For article reprints contact: The YGS Group, phone +1-717-505-9701 x105 (800-501-9571 from the U.S.).

For all other queries or requests pursuant to this notice, please contact S&P Global Inc. via email at ci.support@spglobal.com