

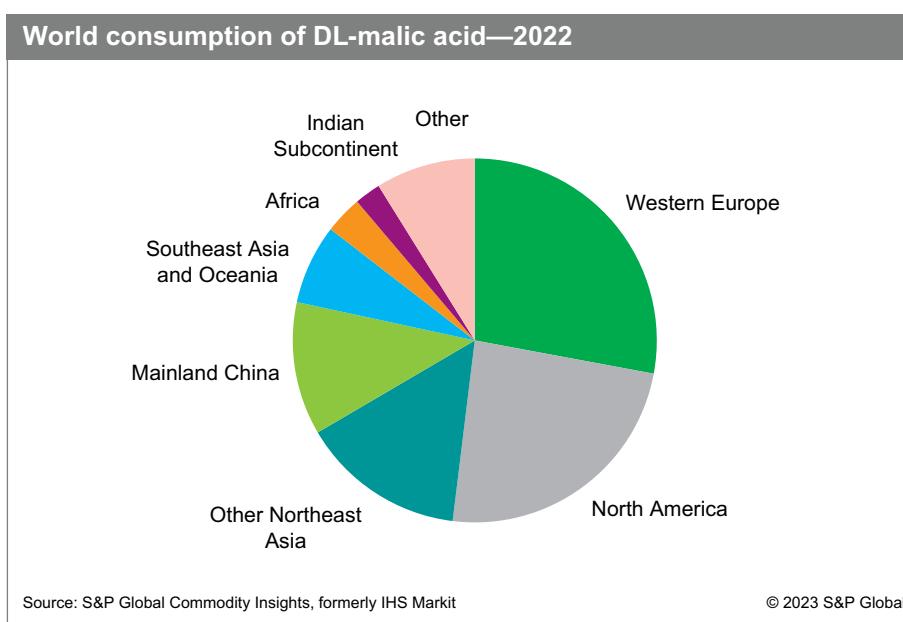
# DL-Malic Acid

February 2023

## Abstract

Global consumption of DL-malic acid will grow by 4.7% during 2022–27, driven by developed markets in Western Europe and North America, as well as developing markets in Asia. DL-malic acid is a major food acid used primarily in beverages, confections, and food. Demand growth is dependent on the popularity of ready-to-drink beverages and processed food. Consumers' desire for nutritional and healthful products such as nutraceutical and fruit-flavored beverages, low-calorie confections, and savory foods will also drive consumption growth.

The following pie chart shows the consumption of DL-malic acid by major region:



Higher demand for DL-malic acid has resulted in continued investments in capacity expansion, which is set to speed up over the next five years as competition intensifies in the key growing markets.

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

**IHS Markit's Chemical Economics Handbook – DL-Malic Acid** 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](mailto: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 – DL-Malic Acid** 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

<b>Executive summary</b>	<b>5</b>
<b>Summary</b>	<b>6</b>
<b>Introduction</b>	<b>10</b>
<b>Manufacturing processes</b>	<b>11</b>
<b>Supply and demand by region</b>	<b>12</b>
United States	12
– Producing companies	12
– Salient statistics	12
– Consumption	13
– Beverages	14
– Confections	15
– Food	15
– Other	15
– Price	16
– Trade	16
– Imports	16
– Exports	17
Canada	17
– Producing companies	17
– Salient statistics	18
– Consumption	18
– Trade	19
Mexico	19
– Salient statistics	19
– Consumption	20
– Trade	20
Central and South America	21
– Salient statistics	21
– Consumption	21
– Trade	22
Western Europe	22
– Producing companies	22
– Salient statistics	23
– Consumption	23
– Beverages	24
– Confections	24
– Food	25
– Personal care products and pharmaceuticals	25
– Other	25
– Price	26

– Trade	26
Central Europe	26
– Salient statistics	26
– Consumption	27
– Trade	27
CIS and Baltic States	28
– Salient statistics	28
– Consumption	28
– Trade	28
Middle East	29
– Salient statistics	29
– Consumption	29
– Trade	30
Africa	30
– Producing companies	30
– Salient statistics	30
– Consumption	31
– Trade	31
Indian Subcontinent	32
– Producing companies	32
– Salient statistics	32
– Consumption	33
– Trade	34
Mainland China	34
– Producing companies	34
– Salient statistics	34
– Consumption	35
– Price	36
– Trade	37
Other Northeast Asia	37
– Producing companies	37
– Salient statistics	38
– Consumption	38
– Trade	39
Southeast Asia and Oceania	39
– Salient statistics	39
– Consumption	39
– Trade	40
<b>Additional resources</b>	<b>41</b>
<b>Revisions</b>	<b>42</b>
<b>Data Workbook</b>	<b>43</b>

## 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**

---

### Disclaimer

The information contained in this report is confidential. Any unauthorized use, disclosure, reproduction, or dissemination, in full or in part, in any media or by any means, without the prior written permission of IHS Markit or any of its affiliates ("IHS Markit") is strictly prohibited. IHS Markit owns all IHS Markit logos and trade names contained in this report that are subject to license. Opinions, statements, estimates, and projections in this report (including other media) are solely those of the individual author(s) at the time of writing and do not necessarily reflect the opinions of IHS Markit. Neither IHS Markit nor the author(s) has any obligation to update this report in the event that any content, opinion, statement, estimate, or projection (collectively, "information") changes or subsequently becomes inaccurate. IHS Markit makes no warranty, expressed or implied, as to the accuracy, completeness, or timeliness of any information in this report, and shall not in any way be liable to any recipient for any inaccuracy or omission. Without limiting the foregoing, IHS Markit shall have no liability whatsoever to any recipient, whether in contract, in tort (including negligence), under warranty, under statute or otherwise, in respect of any loss or damage suffered by any recipient as a result of or in connection with any information provided, or any course of action determined, by it or any third party, whether or not based on any information provided. The inclusion of a link to an external website by IHS Markit should not be understood to be an endorsement of that website or the site's owners (or their products/services). IHS Markit is not responsible for either the content or output of external websites. Copyright © 2023, IHS Markit®. All rights reserved and all intellectual property rights are retained by IHS Markit.

 IHS Markit®  
now a part of

**S&P Global**