

Medium Chain Triglycerides (MCT) - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Medium Chain Triglycerides Market size is estimated at USD 1.54 billion in 2025, and is expected to reach USD 2.28 billion by 2030, at a CAGR of greater than 8.2% during the forecast period (2025-2030).

Key Highlights

- The increasing demand for dietary supplements in food and the rising penetration of medium-chain triglycerides (MCTs) in personal care and cosmetics products are expected to drive the market during the forecast period.
- Conversely, the availability of substitutes, such as mineral oil, can hinder the market's growth.
- The globally surging demand for natural and organic beauty products is likely to act as an opportunity for the market studied.
- North America accounts for the most demand in the market. However, Asia-Pacific is projected to experience the fastest growth globally owing to increasing consumption from countries such as China, India, South Korea, and Japan.

Medium Chain Triglycerides (MCT) Market Trends

Increasing Demand from Food and Beverages Segment

- Medium-chain triglycerides are produced by processing coconut and palm kernel oil. They comprise medium-chain fatty acids and are slightly yellowish. They are insoluble in water and are miscible with alcohol and methylene oxide.
- Driven by their benefits, such as aiding weight management, boosting metabolism to reduce stored body fat, enhancing digestion, and providing increased energy, medium-chain triglycerides are increasingly sought after as dietary fat substitutes,

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propelling the demand for the medium-chain triglycerides market.

- Additionally, the growing popularity of dietary or nutritional supplements among athletes, bodybuilders, and sportspeople, owing to their ability to enhance performance, is expected to impact the medium-chain triglycerides market positively. For instance, the 2023 CRN Consumer Survey on Dietary Supplements confirmed that 74% of US adults take dietary supplements, with 55% qualifying as regular users.
- Moreover, data from the National Nutrition Surveys (NNSs) published in December 2023 indicated that 30 European countries reported the intake of dietary supplements.
- As medium-chain triglycerides can help reduce body fat, demand might grow substantially in the coming years owing to the growing obesity problem worldwide. For instance, as per the World Obesity Atlas 2023, by 2030, nearly 46% of the world population will count into the overweight or obese category.
- Given the abovementioned facts and figures, the demand for medium-chain triglycerides is expected to rise significantly in the food and beverage segment over the forecast period.

Asia-Pacific to Dominate the Market

- Asia-Pacific is expected to witness the fastest growth in the market for medium chain triglycerides during the forecast period. Countries like China, India, South Korea, and Japan have been experiencing increasing demand for medium-chain triglycerides such as caprylic, capric, and lauric owing to increasing demand from various end-user industries like personal care and cosmetics, pharmaceuticals, and food and beverages.
- Medium-chain triglycerides are used in sports drinks, nutritional bars, and energy foods. They are used as food emulsifiers, help enhance the properties of hot and cold beverages, and add distinct flavors to food products. Due to these factors, the demand for medium-chain triglycerides is increasing in the region, which will stimulate its market during the forecast period.
- For instance, according to Euromonitor International data, China's food industry sales surged to USD 328.7 billion in 2023, accounting for 40% of the Asia-Pacific market.
- Moreover, according to the All India Food Processors Association, the Indian food and beverage packaging industry is expected to reach USD 86 billion by 2029, registering a CAGR of 14.8% compared to its value of USD 32 billion in 2022. This is because of the expansion of the food and beverage sector in India.
- Furthermore, the increasing consumption of medium-chain triglycerides in cosmetics products like creams, lotions, gels, ointments, foams, and fragrances and flavorings is expected to further propel the medium-chain triglyceride market.
- Moreover, according to the India Brand Equity Foundation, the Indian beauty, cosmetics, and grooming market will reach USD 20 billion by 2025.
- Furthermore, South Korea has one of the most advanced beauty markets in the world. New beauty trends and innovations featuring sophisticated ingredients and aesthetically appealing packaging are constantly on display. As reported by the Observatory of Economic Complexity, South Korea's exports of perfumery and cosmetics rose by USD 20.6 million, climbing from USD 731 million in June 2023 to USD 752 million in June 2024.
- The aforementioned factors, along with the quick development of the countries in the region, are expected to contribute to the increasing demand for medium-chain triglycerides during the forecast period.

Medium Chain Triglycerides (MCT) Industry Overview

The global medium-chain triglyceride (MCT) market is fragmented. Some of the key companies in the market include (not in any particular order) Wilmar International Ltd, IOI Oleo GmbH, Musim Mas Group, KLK EMMERICH GmbH, and The Nisshin Oillio Group Ltd.

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Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION

1.1 Study Assumption and Market Definition

1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET DYNAMICS

4.1 Drivers

4.1.1 Increasing Demand for Dietary Supplements in Food

4.1.2 Rising Penetration of MCTs in Personal Care and Cosmetics Products

4.2 Restraints

4.2.1 Availability of Substitutes such as Mineral Oil

4.3 Industry Value Chain Analysis

4.4 Porters Five Forces Analysis

4.4.1 Bargaining Power of Suppliers

4.4.2 Bargaining Power of Consumers

4.4.3 Threat of New Entrants

4.4.4 Threat of Substitute Products and Services

4.4.5 Degree of Competition

5 MARKET SEGMENTATION (Market Size in Value)

5.1 By Form

5.1.1 Dry

5.1.2 Liquid

5.2 By Fatty Acid Type

5.2.1 Caprylic Acid

5.2.2 Capric Acid

5.2.3 Lauric Acid

5.2.4 Caproic Acid

5.3 By Application

5.3.1 Food and Beverages

5.3.2 Personal Care and Cosmetics

5.3.3 Other Applications

5.4 By Geography

5.4.1 Asia-Pacific

5.4.1.1 China

5.4.1.2 India

5.4.1.3 Japan

5.4.1.4 South Korea

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- 5.4.1.5 Malaysia
- 5.4.1.6 Thailand
- 5.4.1.7 Indonesia
- 5.4.1.8 Vietnam
- 5.4.1.9 Rest of Asia-Pacific
- 5.4.2 North America
 - 5.4.2.1 United States
 - 5.4.2.2 Canada
 - 5.4.2.3 Mexico
- 5.4.3 Europe
 - 5.4.3.1 Germany
 - 5.4.3.2 United Kingdom
 - 5.4.3.3 France
 - 5.4.3.4 Italy
 - 5.4.3.5 Spain
 - 5.4.3.6 Nordic Countries
 - 5.4.3.7 Turkey
 - 5.4.3.8 Russia
 - 5.4.3.9 Rest of Europe
- 5.4.4 South America
 - 5.4.4.1 Brazil
 - 5.4.4.2 Argentina
 - 5.4.4.3 Colombia
 - 5.4.4.4 Rest of South America
- 5.4.5 Middle East and Africa
 - 5.4.5.1 Saudi Arabia
 - 5.4.5.2 Qatar
 - 5.4.5.3 United Arab Emirates
 - 5.4.5.4 Nigeria
 - 5.4.5.5 Egypt
 - 5.4.5.6 South Africa
 - 5.4.5.7 Rest of Middle East and Africa

6 COMPETITIVE LANDSCAPE

- 6.1 Mergers, Acquisitions, Joint Ventures, Collaborations, and Agreements
- 6.2 Market Share(%)**/Ranking Analysis
- 6.3 Strategies Adopted by Leading Players
- 6.4 Company Profiles
 - 6.4.1 ABF Ingredients
 - 6.4.2 Acme-Hardesty
 - 6.4.3 Barlean's Organic Oils LLC
 - 6.4.4 BASF Corporation
 - 6.4.5 ConnOils By Kraft
 - 6.4.6 CREMER OLEO GmbH & Co. KG
 - 6.4.7 Croda International Plc
 - 6.4.8 DuPont
 - 6.4.9 Henry Lamotte Oils GmbH

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- 6.4.10 IOI Oleo GmbH
- 6.4.11 Jarrow Formulas Inc.
- 6.4.12 KLK EMMERICH GmbH
- 6.4.13 Musim Mas Group
- 6.4.14 Vitaflo International Ltd
- 6.4.15 Oleon NV
- 6.4.16 Procter & Gamble
- 6.4.17 Stepan Company
- 6.4.18 Sternchemie GmbH & Co. KG
- 6.4.19 The Nisshin OilliO Group Ltd
- 6.4.20 Wilmar International Ltd

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

7.1 Surging Demand for Natural and Organic Beauty Products

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