

Imaging Chemicals Market Report by Product Type (Imaging Agents and Toners, Printing Inks, Image Developers, and Others), Application (Medical, Packaging and Printing, Textile, Mining, and Others), and Region 2024-2032

<https://marketpublishers.com/r/I42670835E44EN.html>

Date: July 2024

Pages: 135

Price: US\$ 3,899.00 (Single User License)

ID: I42670835E44EN

Abstracts

The global imaging chemicals market size reached US\$ 10.0 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 15.1 Billion by 2032, exhibiting a growth rate (CAGR) of 4.62% during 2024-2032. The growing advancements in nanotechnology, rising adoption of medical imaging in hospitals, nursing homes, and clinics, and increasing demand for printers in educational institutions, medical centers, and shopping malls are some of the major factors propelling the market.

Imaging chemicals refer to a class of substances used in various imaging techniques to enhance or produce visual representations of objects, tissues, or processes. They consist of contrast agents, dyes, or radioactive isotopes that interact with the target material to generate a distinct signal. They are employed in techniques, such as X-ray, ultrasound, magnetic resonance imaging (MRI), computed tomography (CT), and positron emission tomography (PET). They aid researchers in studying cellular and molecular interactions, investigating disease mechanisms, and developing new therapeutic interventions. They also play a significant role in the field of printing, particularly in traditional photographic processes and modern digital printing technologies.

At present, the increasing demand for printing chemicals as they offer high quality and spontaneous turnaround time and minimize printing costs for smaller quantities of printing is impelling the growth of the market. Besides this, the rising adoption of digital imaging as an alternative to conventional film-based photography is contributing to the

growth of the market. In addition, the growing demand for printers in educational institutions, offices, hospitals, and malls for printing various essential documents, receipts, and flyers is offering a favorable market outlook. Apart from this, the increasing availability of eco-friendly imaging chemicals with reduced environmental impact made from eco-friendly solvents is supporting the growth of the market. Additionally, the rising utilization of film-based photography by professional photographers is bolstering the growth of the market.

Imaging Chemicals Market Trends/Drivers:

Rising advancements in nanotechnology

Nanotechnology bridges multiple disciplines, including physics, biology, chemistry, engineering, and medicine. This is resulting in a surge of collaborative research across these fields, leading to innovative solutions and breakthroughs. Recognizing the potential of nanotechnology to revolutionize various sectors, governments and private entities worldwide are increasing funding and support for nanotechnology research and development (R&D). Moreover, nanoparticles are engineered to possess specific properties that make them ideal as contrast agents in imaging. They can be functionalized with specific molecules that bind to disease-specific markers and allow for targeted imaging of specific cells or regions in the body, enhancing the accuracy of disease diagnosis. Furthermore, they enable the development of multimodal imaging chemicals.

Increasing adoption of medical imaging applications

The demand for medical imaging is increasing due to the rising occurrence of various chronic diseases along with the growing geriatric population around the world. Besides this, the increasing rate of hospitalization is fueling the demand for medical imaging. Advancements in medical imaging technology are also increasing its capabilities and applications, leading to more widespread usage. Apart from this, a rising shift towards preventive healthcare and early disease detection, coupled with the increasing patient awareness about these services, is resulting in more demand for medical imaging procedures. Medical imaging relies on imaging chemicals to enhance the clarity and accuracy of diagnostic images. Imaging chemicals, through their interaction with the body and imaging technology, provide detailed insights into the condition of a patient, aiding in accurate diagnosis and treatment planning.

Increasing demand for digital printing

Digital printing allows for easy modification and customization of designs, which is especially beneficial for small businesses and personal projects that require unique and personalized prints. It is fast, efficient, and capable of producing high-quality prints in less time than traditional printing methods. Besides this, the quality of digital printing is significantly improving, with advancements in technology offering high-resolution prints that rival traditional methods and the utilization of high-quality imaging chemicals. Moreover, digital printing uses either ink (for inkjet printers) or toners (for laser printers), which are composed of various imaging chemicals. These are formulated to provide optimal image quality, color fidelity, and durability.

Imaging Chemicals Industry Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global imaging chemicals market report, along with forecasts at the global, regional and country levels from 2024-2032. Our report has categorized the market based on product type and application.

Breakup by Product Type:

Imaging Agents and Toners

Printing Inks

Image Developers

Others

Imaging agents and toners dominate the market

The report has provided a detailed breakup and analysis of the market based on the product type. This includes imaging agents and toners, printing inks, image developers, and others. According to the report, imaging agents and toners represented the largest segment.

Imaging agents and toners are essential components in the fields of medical imaging and digital printing, each serving unique roles. Imaging agents, also known as contrast agents or contrast media, are substances used to improve the contrast of structures or fluids within the body during medical imaging procedures. They help distinguish or contrast specific areas of the body from the surrounding tissue, enhancing the detail of the images produced. On the other hand, toner is a powder mixture employed in laser printers and photocopiers to produce printed text and images on paper. In its early form, toner is a mix of carbon powder, which gives the black color, and a polymer that helps the toner particles to melt and bind to the paper under heat and pressure.

Breakup by Application:

- Medical
- Packaging and Printing
- Textile
- Mining
- Others

Medical holds the largest share in the market

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes medical, packaging and printing, textile, mining, and others. According to the report, medical accounted for the largest market share.

In the medical sector, imaging chemicals are fundamental for enhancing diagnostic accuracy and delivering effective treatments. They aid in creating a clearer picture of the internal structures and processes of the human body, thereby playing a crucial role in disease identification and monitoring. They help increase the visibility of blood vessels in CT scans and X-rays, while gadolinium enhances the contrast in MRIs, enabling radiologists to differentiate between healthy and diseased tissues more effectively.

Imaging chemicals are integral to the printing and packaging industry, wherein they play a pivotal role in achieving high-quality prints, vibrant colors, and durable packaging materials. They are used in various stages of the printing and packaging process, offering a range of benefits and functionalities.

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea
 - Australia

Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Asia Pacific exhibits a clear dominance, accounting for the largest imaging chemicals market share

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific accounted for the largest market share.

Asia Pacific held the biggest market share due to the rising construction of hospitals, clinics, and nursing homes. Besides this, increasing investments in improving medical imaging techniques for better diagnosis and treatment of diseases are strengthening the growth of the market.

Another contributing aspect is the growing demand for imaging chemicals for printing labels and packaging in various industries. In addition, increasing consumerism and branding are contributing to the growth of the market.

North America is estimated to expand further in this domain due to the rising focus on sustainable packaging to reduce the carbon footprint and minimize wastage. Apart from this, the increasing emergence of e-commerce brands selling products online is propelling the growth of the market.

Competitive Landscape:

Key market players are investing in research and development (R&D) operations to develop innovative and high-performance products. They are also focusing on improving the quality, functionality, and environmental sustainability of their imaging chemicals. Top companies are forming strategic partnerships and collaborations with other companies, research institutions, and industry experts to leverage their expertise, resources, and market reach. They are also establishing local manufacturing facilities, distribution networks, and sales teams to cater to the specific needs and demands of these markets. Leading players are working to diversify their product portfolios to meet the evolving needs of their customers. They are introducing new imaging chemicals, developing application-specific formulations, and expanding their offerings to cover a wide range of printing, packaging, and medical imaging requirements.

The report has provided a comprehensive analysis of the competitive landscape in the market. Detailed profiles of all major companies have also been provided. Some of the key players in the market include:

Agfa-Gevaert N.V.
Altana AG
Becton Dickinson and Company
DIC Corporation
Eastman Kodak Company
Flint Group
FUJIFILM Holdings Corporation
Kao Corporation
T&K TOKA Corporation
Toray Fine Chemicals Co. Ltd.
Toyo Ink SC Holdings Co. Ltd.
Vivimed Labs Limited

Recent Developments:

In 2023, Eastman Kodak Company sets new standards in inks for inkjet printing with its KODACHROME inks which enable presses using KODAL ULTRASTREAM Continuous Inkjet Technology to acquire the highest levels of color rendition, image stability, and detail.

In July 2023, Toyo Ink SC Holdings Co. Ltd. announced the development of a silver nanoparticle paste for die-attach applications, which can be sintered at low temperatures under both pressureless and pressure-assisted methodologies.

In June 2023, Becton Dickinson and Company announced the launch of the world's first spectral cell sorter with high-speed imaging technology, which segregates cells based on visual characteristics.

Key Questions Answered in This Report

1. What was the size of the global imaging chemicals market in 2023?
2. What is the expected growth rate of the global imaging chemicals market during 2024-2032?
3. What are the key factors driving the global imaging chemicals market?
4. What has been the impact of COVID-19 on the global imaging chemicals market?
5. What is the breakup of the global imaging chemicals market based on the product type?
6. What is the breakup of the global imaging chemicals market based on application?
7. What are the key regions in the global imaging chemicals market?
8. Who are the key players/companies in the global imaging chemicals market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL IMAGING CHEMICALS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT TYPE

- 6.1 Imaging Agents and Toners
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Printing Inks
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Image Developers

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Others
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Medical
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Packaging and Printing
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Textile
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Mining
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Others
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 MARKET BREAKUP BY REGION

- 8.1 North America
 - 8.1.1 United States
 - 8.1.1.1 Market Trends
 - 8.1.1.2 Market Forecast
 - 8.1.2 Canada
 - 8.1.2.1 Market Trends
 - 8.1.2.2 Market Forecast
- 8.2 Asia-Pacific
 - 8.2.1 China
 - 8.2.1.1 Market Trends
 - 8.2.1.2 Market Forecast
 - 8.2.2 Japan
 - 8.2.2.1 Market Trends

- 8.2.2.2 Market Forecast
- 8.2.3 India
 - 8.2.3.1 Market Trends
 - 8.2.3.2 Market Forecast
- 8.2.4 South Korea
 - 8.2.4.1 Market Trends
 - 8.2.4.2 Market Forecast
- 8.2.5 Australia
 - 8.2.5.1 Market Trends
 - 8.2.5.2 Market Forecast
- 8.2.6 Indonesia
 - 8.2.6.1 Market Trends
 - 8.2.6.2 Market Forecast
- 8.2.7 Others
 - 8.2.7.1 Market Trends
 - 8.2.7.2 Market Forecast
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.1.1 Market Trends
 - 8.3.1.2 Market Forecast
 - 8.3.2 France
 - 8.3.2.1 Market Trends
 - 8.3.2.2 Market Forecast
 - 8.3.3 United Kingdom
 - 8.3.3.1 Market Trends
 - 8.3.3.2 Market Forecast
 - 8.3.4 Italy
 - 8.3.4.1 Market Trends
 - 8.3.4.2 Market Forecast
 - 8.3.5 Spain
 - 8.3.5.1 Market Trends
 - 8.3.5.2 Market Forecast
 - 8.3.6 Russia
 - 8.3.6.1 Market Trends
 - 8.3.6.2 Market Forecast
 - 8.3.7 Others
 - 8.3.7.1 Market Trends
 - 8.3.7.2 Market Forecast
- 8.4 Latin America

8.4.1 Brazil

8.4.1.1 Market Trends

8.4.1.2 Market Forecast

8.4.2 Mexico

8.4.2.1 Market Trends

8.4.2.2 Market Forecast

8.4.3 Others

8.4.3.1 Market Trends

8.4.3.2 Market Forecast

8.5 Middle East and Africa

8.5.1 Market Trends

8.5.2 Market Breakup by Country

8.5.3 Market Forecast

9 SWOT ANALYSIS

9.1 Overview

9.2 Strengths

9.3 Weaknesses

9.4 Opportunities

9.5 Threats

10 VALUE CHAIN ANALYSIS

11 PORTERS FIVE FORCES ANALYSIS

11.1 Overview

11.2 Bargaining Power of Buyers

11.3 Bargaining Power of Suppliers

11.4 Degree of Competition

11.5 Threat of New Entrants

11.6 Threat of Substitutes

12 PRICE ANALYSIS

13 COMPETITIVE LANDSCAPE

13.1 Market Structure

13.2 Key Players

13.3 Profiles of Key Players

13.3.1 Agfa-Gevaert N.V.

13.3.1.1 Company Overview

13.3.1.2 Product Portfolio

13.3.1.3 Financials

13.3.1.4 SWOT Analysis

13.3.2 Altana AG

13.3.2.1 Company Overview

13.3.2.2 Product Portfolio

13.3.2.3 SWOT Analysis

13.3.3 Becton Dickinson and Company

13.3.3.1 Company Overview

13.3.3.2 Product Portfolio

13.3.3.3 Financials

13.3.3.4 SWOT Analysis

13.3.4 DIC Corporation

13.3.4.1 Company Overview

13.3.4.2 Product Portfolio

13.3.4.3 Financials

13.3.4.4 SWOT Analysis

13.3.5 Eastman Kodak Company

13.3.5.1 Company Overview

13.3.5.2 Product Portfolio

13.3.5.3 Financials

13.3.5.4 SWOT Analysis

13.3.6 Flint Group

13.3.6.1 Company Overview

13.3.6.2 Product Portfolio

13.3.7 FUJIFILM Holdings Corporation

13.3.7.1 Company Overview

13.3.7.2 Product Portfolio

13.3.7.3 Financials

13.3.7.4 SWOT Analysis

13.3.8 Kao Corporation

13.3.8.1 Company Overview

13.3.8.2 Product Portfolio

13.3.8.3 Financials

13.3.8.4 SWOT Analysis

13.3.9 T&K TOKA Corporation

- 13.3.9.1 Company Overview
- 13.3.9.2 Product Portfolio
- 13.3.9.3 Financials
- 13.3.10 Toray Fine Chemicals Co. Ltd.
 - 13.3.10.1 Company Overview
 - 13.3.10.2 Product Portfolio
- 13.3.11 Toyo Ink SC Holdings Co. Ltd.
 - 13.3.11.1 Company Overview
 - 13.3.11.2 Product Portfolio
 - 13.3.11.3 Financials
- 13.3.12 Vivimed Labs Limited
 - 13.3.12.1 Company Overview
 - 13.3.12.2 Product Portfolio
 - 13.3.12.3 Financials

I would like to order

Product name: Imaging Chemicals Market Report by Product Type (Imaging Agents and Toners, Printing Inks, Image Developers, and Others), Application (Medical, Packaging and Printing, Textile, Mining, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/l42670835E44EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/l42670835E44EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970