

Flocculants And Coagulants Market Size, Share & Trends Analysis Report By Type (Flocculants, Coagulants), By End-use (Municipal Water Treatment, Oil & Gas, Mining), By Region, And Segment Forecasts, 2024 - 2030

<https://marketpublishers.com/r/F932EF14C56AEN.html>

Date: July 2024

Pages: 120

Price: US\$ 4,950.00 (Single User License)

ID: F932EF14C56AEN

Abstracts

This report can be delivered to the clients within 8 Business Days

Flocculants And Coagulants Market Growth & Trends

The global flocculants & coagulants market size is anticipated to reach USD 16.61 billion by 2030 and is projected to grow at a CAGR of 3.9% from 2024 to 2030, according to a new report by Grand View Research, Inc. The market growth is attributed to the rising demand for wastewater treatment, which has been prompted by the implementation of stringent government regulations worldwide. In addition, the increasing preference for eco-friendly solutions in water treatment processes has also played a crucial role in driving the market forward.

Advancements in sustainable and natural-based products have emerged as a significant driver for market growth in the field of wastewater treatment. The use of chemical coagulants and flocculants often results in the generation of a substantial volume of sludge, which increases the cost and complexity of disposing of potentially hazardous waste. For instance, chitosan, a natural organic polyelectrolyte, has been successfully used as a coagulant in the treating the textile industry wastewater. Studies have shown that chitosan effectively flocculates suspended particles and reduces levels of Chemical Oxygen Demand (COD) and turbidity in textile industry wastewater

Emergence of alternative water treatment technologies has emerged as a threat for the

market around the world. As technology advances, new methods and technologies for water purification are being developed, such as membrane filtration and advanced oxidation processes. These alternative technologies may offer more efficient and sustainable solutions, potentially reducing the demand for traditional flocculant and coagulant products.

Rapid industrialization and urbanization in countries like China and India have led to increased wastewater generation, creating a demand for efficient water treatment processes. The region's high economic growth, flourishing chemical industry, and high industrial output contribute to the significant market share held by Asia-Pacific in the global market.

Flocculants And Coagulants Market Report Highlights

Based on type, the flocculants segment is anticipated to witness at the fastest CAGR of 4.1% during the forecast period, owing to increasing usage of the chemical in water treatment activities around the world

Based on end-use, the municipal water treatment segment is anticipated to witness at the fastest CAGR of 4.4% during the forecast period, due to increasing pressure exerted by environment protection laws & regulations, forcing expansion of water treatment activities in construction, textile and other industries

Asia Pacific is anticipated to witness at the fastest CAGR of 4.5% during the forecast period, due to the significant growth in high-growth developing markets such as China and India which have increased their consumption of water treatment chemicals due to rapid industrialization and infrastructure development

Natural-based coagulants and flocculants, derived from sources such as plants and microorganisms, are gaining popularity due to their lower environmental impact. These natural-based products offer an alternative to traditional chemical-based flocculants and coagulants.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation & Scope
- 1.2. Market Definition
- 1.3. Information Pulp & Paper
 - 1.3.1. Purchased Database
 - 1.3.2. GVR's Internal Database
 - 1.3.3. Secondary Sources & Third-Party Perspectives
 - 1.3.4. Primary Research
- 1.4. Information Analysis
 - 1.4.1. Data Analysis Models
- 1.5. Market Formulation & Data Visualization
- 1.6. Data Validation & Publishing

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Snapshot
- 2.2. Segment Snapshot
- 2.3. Competitive Landscape Snapshot

CHAPTER 3. FLOCCULANTS & COAGULANTS MARKET VARIABLES, TRENDS & SCOPE

- 3.1. Market Lineage Outlook
 - 3.1.1. Parent Market Outlook
 - 3.1.2. Related Market Outlook
- 3.2. Industry Value Chain Analysis
 - 3.2.1. Distribution Channel Analysis
 - 3.2.2. Raw Material Trends
 - 3.2.3. Technological Overview
- 3.3. Regulatory Framework
- 3.4. Market Dynamics
 - 3.4.1. Market Driver Analysis
 - 3.4.2. Market Restraint Analysis
 - 3.4.3. Industry Challenges
 - 3.4.4. Industry Opportunities
- 3.5. Industry Analysis Tools

- 3.5.1. Porter's Five Forces Analysis
- 3.5.2. Macro-environmental Analysis

CHAPTER 4. FLOCCULANTS & COAGULANTS MARKET: TYPE ESTIMATES & TREND ANALYSIS

- 4.1. Type Movement Analysis & Market Share, 2023 & 2030
- 4.2. Flocculants & Coagulants Market Estimates & Forecast, By Type, 2018 to 2030 (USD Million)
- 4.3. Flocculant
 - 4.3.1. Flocculant Market Estimates and Forecasts, 2018 - 2030 (USD Million)
- 4.4. Coagulant
 - 4.4.1. Coagulant Market Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 5. FLOCCULANTS & COAGULANTS MARKET: END-USE ESTIMATES & TREND ANALYSIS

- 5.1. End-Use Movement Analysis & Market Share, 2023 & 2030
- 5.2. Flocculants & Coagulants Market Estimates & Forecast, By End-Use, 2018 to 2030 (USD Million)
- 5.3. Municipal Water Treatment
 - 5.3.1. Flocculants & Coagulants Market Estimates and Forecasts in Municipal Water Treatment Industry, 2018 - 2030 (USD Million)
- 5.4. Oil & Gas
 - 5.4.1. Flocculants & Coagulants Market Estimates and Forecasts in Oil & Gas, 2018 - 2030 (USD Million)
- 5.5. Pulp & Paper
 - 5.5.1. Flocculants & Coagulants Market Estimates and Forecasts in Pulp & Paper, 2018 - 2030 (USD Million)
- 5.6. Mining
 - 5.6.1. Flocculants & Coagulants Market Estimates and Forecasts in Mining, 2018 - 2030 (USD Million)
- 5.7. Others
 - 5.7.1. Flocculants & Coagulants Market Estimates and Forecasts in Other End-Uses, 2018 - 2030 (USD Million)

CHAPTER 6. FLOCCULANTS & COAGULANTS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

6.1. Regional Movement Analysis & Market Share, 2023 & 2030

6.2. North America

6.2.1. North America Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.2.2. U.S.

6.2.2.1. Key country dynamics

6.2.2.2. U.S. Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.2.3. Canada

6.2.3.1. Key Country Dynamics

6.2.3.2. Canada Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.2.4. Mexico

6.2.4.1. Key Country Dynamics

6.2.4.2. Mexico Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.3. Europe

6.3.1. Europe Pulp & Paper Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.3.2. Germany

6.3.2.1. Key Country Dynamics

6.3.2.2. Germany Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.3.3. UK

6.3.3.1. Key Country Dynamics

6.3.3.2. UK Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.3.4. France

6.3.4.1. Key Country Dynamics

6.3.4.2. France Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.3.5. Italy

6.3.5.1. Key Country Dynamics

6.3.5.2. Italy Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.3.6. Spain

6.3.6.1. Key Country Dynamics

6.3.6.2. Spain Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.4. Asia Pacific

6.4.1. Asia Pacific Pulp & Paper Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.4.2. China

6.4.2.1. Key Country Dynamics

6.4.2.2. China Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.4.3. Japan

6.4.3.1. Key Country Dynamics

6.4.3.2. Japan Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.4.4. India

6.4.4.1. Key Country Dynamics

6.4.4.2. India Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.4.5. South Korea

6.4.5.1. Key Country Dynamics

6.4.5.2. South Korea Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.5. Central & South America

6.5.1. Central & South America Pulp & Paper Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.5.2. Brazil

6.5.2.1. Key Country Dynamics

6.5.2.2. Brazil Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.5.3. Argentina

6.5.3.1. Key Country Dynamics

6.5.3.2. Argentina Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.6. Middle East & Africa

6.6.1. Middle East & Africa Pulp & Paper Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.6.2. Saudi Arabia

6.6.2.1. Key Country Dynamics

6.6.2.2. Saudi Arabia Flocculants & Coagulants Market Estimates & Forecast, 2018 - 2030 (USD Million)

6.6.3. South Africa

6.6.3.1. Key Country Dynamics

6.6.3.2. South Africa Flocculants & Coagulants Market Estimates & Forecast, 2018 -

2030 (USD Million)

CHAPTER 7. FLOCCULANTS & COAGULANTS MARKET - COMPETITIVE LANDSCAPE

7.1. Recent Developments & Impact Analysis, By Key Market Participants

7.2. Company Categorization

7.3. Company Market Share/Position Analysis, 2023

7.4. Company Heat Map Analysis

7.5. Strategy Mapping

7.5.1. Expansion

7.5.2. Mergers & Acquisition

7.5.3. Partnerships & Collaborations

7.5.4. New Type Launches

7.5.5. Research And Development

7.6. Company Profiles

7.6.1. Kemira

7.6.1.1. Participant's overview

7.6.1.2. Financial performance

7.6.1.3. Type benchmarking

7.6.1.4. Recent developments

7.6.2. BASF SE

7.6.2.1. Participant's overview

7.6.2.2. Financial performance

7.6.2.3. Type benchmarking

7.6.2.4. Recent developments

7.6.3. Ecolab Inc.

7.6.3.1. Participant's overview

7.6.3.2. Financial performance

7.6.3.3. Type benchmarking

7.6.3.4. Recent developments

7.6.4. Solenis

7.6.4.1. Participant's overview

7.6.4.2. Financial performance

7.6.4.3. Type benchmarking

7.6.4.4. Recent developments

7.6.5. Syensqo

7.6.5.1. Participant's overview

7.6.5.2. Financial performance

- 7.6.5.3. Type benchmarking
- 7.6.5.4. Recent developments
- 7.6.6. Feralco AB
 - 7.6.6.1. Participant's overview
 - 7.6.6.2. Financial performance
 - 7.6.6.3. Type benchmarking
 - 7.6.6.4. Recent developments
- 7.6.7. IXOM
 - 7.6.7.1. Participant's overview
 - 7.6.7.2. Financial performance
 - 7.6.7.3. Type benchmarking
 - 7.6.7.4. Recent developments
- 7.6.8. Buckman
 - 7.6.8.1. Participant's overview
 - 7.6.8.2. Financial performance
 - 7.6.8.3. Type benchmarking
 - 7.6.8.4. Recent developments
- 7.6.9. Kurita-GK Chemical Co., LTD.
 - 7.6.9.1. Participant's overview
 - 7.6.9.2. Financial performance
 - 7.6.9.3. Type benchmarking
 - 7.6.9.4. Recent developments
- 7.6.10. Evoqua Water Technologies LLC
 - 7.6.10.1. Participant's overview
 - 7.6.10.2. Financial performance
 - 7.6.10.3. Type benchmarking
 - 7.6.10.4. Recent developments

List Of Tables

LIST OF TABLES

Table 1 List of abbreviation

Table 2 Global specialty chemicals market 2018 - 2030 (USD Million)

Table 3 Global Flocculants & Coagulants market estimates and forecasts by type, 2018 - 2030 (USD Million)

Table 4 Global Flocculants & Coagulants market estimates and forecasts by end-use, 2018 - 2030 (USD Million)

Table 5 Global Flocculants & Coagulants market estimates and forecasts by region, 2018 - 2030 (USD Million)

Table 6 North America Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 7 North America Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 8 U.S. Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 9 U.S. Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 10 Canada Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 11 Canada Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 12 Mexico Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 13 Mexico Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 14 Europe Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 15 Europe Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 16 Germany Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 17 Germany Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 18 UK Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 19 UK Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 20 France Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 21 France Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 22 Italy Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 23 Italy Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 24 Spain Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 25 Spain Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 26 Asia Pacific Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 27 Asia Pacific Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 28 China Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 29 China Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 30 India Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 31 India Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 32 Japan Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 33 Japan Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 34 South Korea Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 35 South Korea Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 36 Central & South America Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 37 Central & South America Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 38 Brazil Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 39 Brazil Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 40 Argentina Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 41 Argentina Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 42 Middle East & Africa Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 43 Middle East & Africa Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 44 Saudi Arabia Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Table 45 Saudi Arabia Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

Table 46 South Africa Flocculants & Coagulants Market, by type, 2018 - 2030 (USD Million)

Million)

Table 47 South Africa Flocculants & Coagulants Market, by end-use, 2018 - 2030 (USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Market research process
- Fig. 2 Data triangulation techniques
- Fig. 3 Primary research pattern
- Fig. 4 Market research approaches
- Fig. 5 QFD modeling for market share assessment
- Fig. 6 Information Procurement
- Fig. 7 Market Formulation and Validation
- Fig. 8 Data Validating & Publishing
- Fig. 9 Market Segmentation & Scope
- Fig. 10 Rheology Modifiers Market Snapshot
- Fig. 11 Segment Snapshot
- Fig. 12 Competitive Landscape Snapshot
- Fig. 13 Parent Market Outlook
- Fig. 14 Rheology Modifiers Market Value, 2023 (USD Million)
- Fig. 15 Rheology Modifiers Market - Value Chain Analysis
- Fig. 16 Rheology Modifiers Market - Price Trend Analysis 2018 - 2030 (USD/Kg)
- Fig. 17 Rheology Modifiers Market - Market Dynamics
- Fig. 18 Rheology Modifiers Market - PORTER's Analysis
- Fig. 19 Rheology Modifiers Market - PESTEL Analysis
- Fig. 20 Rheology Modifiers Market Estimates & Forecasts, By Type: Key Takeaways
- Fig. 21 Rheology Modifiers Market Share, By Type, 2023 & 2030
- Fig. 22 Organic Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons) (USD Million)
- Fig. 23 Inorganic Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons) (USD Million)
- Fig. 24 Rheology Modifiers Market Estimates & Forecasts, By End Use: Key Takeaways
- Fig. 25 Rheology Modifiers Market Share, By End Use, 2023 & 2030
- Fig. 26 Rheology Modifiers Market Estimates & Forecasts, in Paints & Coatings, 2018 - 2030 (Kilotons) (USD Million)
- Fig. 27 Rheology Modifiers Market Estimates & Forecasts, in Personal Care & Cosmetics, 2018 - 2030 (Kilotons) (USD Million)
- Fig. 28 Rheology Modifiers Market Estimates & Forecasts, in Pharmaceuticals, 2018 - 2030 (Kilotons) (USD Million)
- Fig. 29 Rheology Modifiers Market Estimates & Forecasts, in Oil & Gas, 2018 - 2030

(Kilotons) (USD Million)

Fig. 30 Rheology Modifiers Market Estimates & Forecasts, in Construction, 2018 - 2030

(Kilotons) (USD Million)

Fig. 31 Rheology Modifiers Market Estimates & Forecasts, in Other End Uses, 2018 -

2030 (Kilotons) (USD Million)

Fig. 32 Rheology Modifiers Market Estimates & Forecasts, By Distribution Channel: Key
Takeaways

Fig. 33 Rheology Modifiers Market Share, By Distribution Channel, 2023 & 2030

Fig. 34 Rheology Modifiers Market Estimates & Forecasts, by Direct Channel, 2018 -
2030 (Kilotons) (USD Million)

Fig. 35 Rheology Modifiers Market Estimates & Forecasts, by Indirect Channel, 2018 -
2030 (Kilotons) (USD Million)

Fig. 36 Rheology Modifiers Market Revenue, By Region, 2023 & 2030 (USD Million)

Fig. 37 North America Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030
(Kilotons) (USD Million)

Fig. 38 U.S. Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons)
(USD Million)

Fig. 39 Mexico Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030
(Kilotons) (USD Million)

Fig. 40 Canada Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030
(Kilotons) (USD Million)

Fig. 41 Europe Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030
(Kilotons) (USD Million)

Fig. 42 Germany Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030
(Kilotons) (USD Million)

Fig. 43 UK Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons)
(USD Million)

Fig. 44 France Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030
(Kilotons) (USD Million)

Fig. 45 Italy Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons)
(USD Million)

Fig. 46 Spain Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons)
(USD Million)

Fig. 47 Asia Pacific Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030
(Kilotons) (USD Million)

Fig. 48 China Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons)
(USD Million)

Fig. 49 India Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons)
(USD Million)

Fig. 50 Japan Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons) (USD Million)

Fig. 51 South Korea Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons) (USD Million)

Fig. 52 Central & South America Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons) (USD Million)

Fig. 53 Brazil Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons) (USD Million)

Fig. 54 Argentina Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons) (USD Million)

Fig. 55 Middle East & Africa Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons) (USD Million)

Fig. 56 Saudi Arabia Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons) (USD Million)

Fig. 57 South Africa Rheology Modifiers Market Estimates & Forecasts, 2018 - 2030 (Kilotons) (USD Million)

Fig. 58 Key Company Categorization

Fig. 59 Company Market Positioning

Fig. 60 Key Company Market Share Analysis, 2023

Fig. 61 Strategy Mapping

I would like to order

Product name: Flocculants And Coagulants Market Size, Share & Trends Analysis Report By Type (Flocculants, Coagulants), By End-use (Municipal Water Treatment, Oil & Gas, Mining), By Region, And Segment Forecasts, 2024 - 2030

Product link: <https://marketpublishers.com/r/F932EF14C56AEN.html>

Price: US\$ 4,950.00 (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/F932EF14C56AEN.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