

# Global N-Methylmorpholine Oxide Market by Manufacturers, Countries, Type and Application, Forecast to 2022

<https://marketpublishers.com/r/GC659A0557DEN.html>

Date: June 2017

Pages: 120

Price: US\$ 3,480.00 (Single User License)

ID: GC659A0557DEN

## Abstracts

N-Methylmorpholine N-oxide (more correctly 4-methylmorpholine 4-oxide), NMO or NMMO is an organic compound. This heterocyclic amine oxide and morpholine derivative is used in organic chemistry as a co-oxidant and sacrificial catalyst in oxidation reactions for instance in osmium tetroxide oxidations and the Sharpless asymmetric dihydroxylation or oxidations with TPAP. NMO is commercially supplied both as a monohydrate  $C_5H_{11}NO_2 \cdot H_2O$  and as the anhydrous compound. The monohydrate is used as a solvent for cellulose in the Lyocell process to produce cellulose fibers.

### SCOPE OF THE REPORT:

This report focuses on the N-Methylmorpholine Oxide in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

BASF

Huntsman

Amines & Plasticizers Limited

Anhui Wotu Chemical

Jiangsu Lianrun Chemical

Sincere Chemicals

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Columbia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Liquid

Solid

Market Segment by Applications, can be divided into

Solvent

Pharmaceutical Intermediates

Other

There are 15 Chapters to deeply display the global N-Methylmorpholine Oxide market.

Chapter 1, to describe N-Methylmorpholine Oxide Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of N-Methylmorpholine Oxide, with sales, revenue, and price of N-Methylmorpholine Oxide, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of N-Methylmorpholine Oxide, for each region, from 2012 to 2017;

Chapter 5, 6, 7, 8 and 9, to analyze the key regions, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 12, N-Methylmorpholine Oxide market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;

Chapter 13, 14 and 15, to describe N-Methylmorpholine Oxide sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

## Contents

### 1 MARKET OVERVIEW

- 1.1 N-Methylmorpholine Oxide Introduction
- 1.2 Market Analysis by Type
  - 1.2.1 Liquid
  - 1.2.2 Solid
- 1.3 Market Analysis by Applications
  - 1.3.1 Solvent
  - 1.3.2 Pharmaceutical Intermediates
  - 1.3.3 Other
- 1.4 Market Analysis by Regions
  - 1.4.1 North America (USA, Canada and Mexico)
    - 1.4.1.1 USA Market States and Outlook (2012-2022)
    - 1.4.1.2 Canada Market States and Outlook (2012-2022)
    - 1.4.1.3 Mexico Market States and Outlook (2012-2022)
  - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
    - 1.4.2.1 Germany Market States and Outlook (2012-2022)
    - 1.4.2.2 France Market States and Outlook (2012-2022)
    - 1.4.2.3 UK Market States and Outlook (2012-2022)
    - 1.4.2.4 Russia Market States and Outlook (2012-2022)
    - 1.4.2.5 Italy Market States and Outlook (2012-2022)
  - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
    - 1.4.3.1 China Market States and Outlook (2012-2022)
    - 1.4.3.2 Japan Market States and Outlook (2012-2022)
    - 1.4.3.3 Korea Market States and Outlook (2012-2022)
    - 1.4.3.4 India Market States and Outlook (2012-2022)
    - 1.4.3.5 Southeast Asia Market States and Outlook (2012-2022)
  - 1.4.4 South America, Middle East and Africa
    - 1.4.4.1 Brazil Market States and Outlook (2012-2022)
    - 1.4.4.2 Egypt Market States and Outlook (2012-2022)
    - 1.4.4.3 Saudi Arabia Market States and Outlook (2012-2022)
    - 1.4.4.4 South Africa Market States and Outlook (2012-2022)
    - 1.4.4.5 Nigeria Market States and Outlook (2012-2022)
- 1.5 Market Dynamics
  - 1.5.1 Market Opportunities
  - 1.5.2 Market Risk
  - 1.5.3 Market Driving Force

## 2 MANUFACTURERS PROFILES

### 2.1 BASF

#### 2.1.1 Business Overview

#### 2.1.2 N-Methylmorpholine Oxide Type and Applications

##### 2.1.2.1 Type

##### 2.1.2.2 Type

#### 2.1.3 BASF N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.2 Huntsman

#### 2.2.1 Business Overview

#### 2.2.2 N-Methylmorpholine Oxide Type and Applications

##### 2.2.2.1 Type

##### 2.2.2.2 Type

#### 2.2.3 Huntsman N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.3 Amines & Plasticizers Limited

#### 2.3.1 Business Overview

#### 2.3.2 N-Methylmorpholine Oxide Type and Applications

##### 2.3.2.1 Type

##### 2.3.2.2 Type

#### 2.3.3 Amines & Plasticizers Limited N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.4 Anhui Wotu Chemical

#### 2.4.1 Business Overview

#### 2.4.2 N-Methylmorpholine Oxide Type and Applications

##### 2.4.2.1 Type

##### 2.4.2.2 Type

#### 2.4.3 Anhui Wotu Chemical N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.5 Jiangsu Lianrun Chemical

#### 2.5.1 Business Overview

#### 2.5.2 N-Methylmorpholine Oxide Type and Applications

##### 2.5.2.1 Type

##### 2.5.2.2 Type

#### 2.5.3 Jiangsu Lianrun Chemical N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.6 Sincere Chemicals

- 2.6.1 Business Overview
- 2.6.2 N-Methylmorpholine Oxide Type and Applications
  - 2.6.2.1 Type
  - 2.6.2.2 Type
- 2.6.3 Sincere Chemicals N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### **3 GLOBAL N-METHYLMORPHOLINE OXIDE MARKET COMPETITION, BY MANUFACTURER**

- 3.1 Global N-Methylmorpholine Oxide Sales and Market Share by Manufacturer
- 3.2 Global N-Methylmorpholine Oxide Revenue and Market Share by Manufacturer
- 3.3 Market Concentration Rate
  - 3.3.1 Top 3 N-Methylmorpholine Oxide Manufacturer Market Share
  - 3.3.2 Top 6 N-Methylmorpholine Oxide Manufacturer Market Share
- 3.4 Market Competition Trend

### **4 GLOBAL N-METHYLMORPHOLINE OXIDE MARKET ANALYSIS BY REGIONS**

- 4.1 Global N-Methylmorpholine Oxide Sales, Revenue and Market Share by Regions
  - 4.1.1 Global N-Methylmorpholine Oxide Sales by Regions (2012-2017)
  - 4.1.2 Global N-Methylmorpholine Oxide Revenue by Regions (2012-2017)
- 4.2 North America N-Methylmorpholine Oxide Sales and Growth (2012-2017)
- 4.3 Europe N-Methylmorpholine Oxide Sales and Growth (2012-2017)
- 4.4 Asia-Pacific N-Methylmorpholine Oxide Sales and Growth (2012-2017)
- 4.5 South America N-Methylmorpholine Oxide Sales and Growth (2012-2017)
- 4.6 Middle East and Africa N-Methylmorpholine Oxide Sales and Growth (2012-2017)

### **5 NORTH AMERICA N-METHYLMORPHOLINE OXIDE BY COUNTRIES**

- 5.1 North America N-Methylmorpholine Oxide Sales, Revenue and Market Share by Countries
  - 5.1.1 North America N-Methylmorpholine Oxide Sales by Countries (2012-2017)
  - 5.1.2 North America N-Methylmorpholine Oxide Revenue by Countries (2012-2017)
- 5.2 USA N-Methylmorpholine Oxide Sales and Growth (2012-2017)
- 5.3 Canada N-Methylmorpholine Oxide Sales and Growth (2012-2017)
- 5.4 Mexico N-Methylmorpholine Oxide Sales and Growth (2012-2017)

### **6 EUROPE N-METHYLMORPHOLINE OXIDE BY COUNTRIES**

## 6.1 Europe N-Methylmorpholine Oxide Sales, Revenue and Market Share by Countries

6.1.1 Europe N-Methylmorpholine Oxide Sales by Countries (2012-2017)

6.1.2 Europe N-Methylmorpholine Oxide Revenue by Countries (2012-2017)

## 6.2 Germany N-Methylmorpholine Oxide Sales and Growth (2012-2017)

## 6.3 UK N-Methylmorpholine Oxide Sales and Growth (2012-2017)

## 6.4 France N-Methylmorpholine Oxide Sales and Growth (2012-2017)

## 6.5 Russia N-Methylmorpholine Oxide Sales and Growth (2012-2017)

## 6.6 Italy N-Methylmorpholine Oxide Sales and Growth (2012-2017)

# 7 ASIA-PACIFIC N-METHYLMORPHOLINE OXIDE BY COUNTRIES

## 7.1 Asia-Pacific N-Methylmorpholine Oxide Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific N-Methylmorpholine Oxide Sales by Countries (2012-2017)

7.1.2 Asia-Pacific N-Methylmorpholine Oxide Revenue by Countries (2012-2017)

## 7.2 China N-Methylmorpholine Oxide Sales and Growth (2012-2017)

## 7.3 Japan N-Methylmorpholine Oxide Sales and Growth (2012-2017)

## 7.4 Korea N-Methylmorpholine Oxide Sales and Growth (2012-2017)

## 7.5 India N-Methylmorpholine Oxide Sales and Growth (2012-2017)

## 7.6 Southeast Asia N-Methylmorpholine Oxide Sales and Growth (2012-2017)

# 8 SOUTH AMERICA N-METHYLMORPHOLINE OXIDE BY COUNTRIES

## 8.1 South America N-Methylmorpholine Oxide Sales, Revenue and Market Share by Countries

8.1.1 South America N-Methylmorpholine Oxide Sales by Countries (2012-2017)

8.1.2 South America N-Methylmorpholine Oxide Revenue by Countries (2012-2017)

## 8.2 Brazil N-Methylmorpholine Oxide Sales and Growth (2012-2017)

## 8.3 Argentina N-Methylmorpholine Oxide Sales and Growth (2012-2017)

## 8.4 Columbia N-Methylmorpholine Oxide Sales and Growth (2012-2017)

# 9 MIDDLE EAST AND AFRICA N-METHYLMORPHOLINE OXIDE BY COUNTRIES

## 9.1 Middle East and Africa N-Methylmorpholine Oxide Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa N-Methylmorpholine Oxide Sales by Countries (2012-2017)

9.1.2 Middle East and Africa N-Methylmorpholine Oxide Revenue by Countries

(2012-2017)

9.2 Saudi Arabia N-Methylmorpholine Oxide Sales and Growth (2012-2017)

9.3 UAE N-Methylmorpholine Oxide Sales and Growth (2012-2017)

9.4 Egypt N-Methylmorpholine Oxide Sales and Growth (2012-2017)

9.5 Nigeria N-Methylmorpholine Oxide Sales and Growth (2012-2017)

9.6 South Africa N-Methylmorpholine Oxide Sales and Growth (2012-2017)

## **10 GLOBAL N-METHYLMORPHOLINE OXIDE MARKET SEGMENT BY TYPE**

10.1 Global N-Methylmorpholine Oxide Sales, Revenue and Market Share by Type (2012-2017)

10.1.1 Global N-Methylmorpholine Oxide Sales and Market Share by Type (2012-2017)

10.1.2 Global N-Methylmorpholine Oxide Revenue and Market Share by Type (2012-2017)

10.2 Liquid Sales Growth and Price

10.2.1 Global Liquid Sales Growth (2012-2017)

10.2.2 Global Liquid Price (2012-2017)

10.3 Solid Sales Growth and Price

10.3.1 Global Solid Sales Growth (2012-2017)

10.3.2 Global Solid Price (2012-2017)

## **11 GLOBAL N-METHYLMORPHOLINE OXIDE MARKET SEGMENT BY APPLICATION**

11.1 Global N-Methylmorpholine Oxide Sales Market Share by Application (2012-2017)

11.2 Solvent Sales Growth (2012-2017)

11.3 Pharmaceutical Intermediates Sales Growth (2012-2017)

11.4 Other Sales Growth (2012-2017)

## **12 N-METHYLMORPHOLINE OXIDE MARKET FORECAST (2017-2022)**

12.1 Global N-Methylmorpholine Oxide Sales, Revenue and Growth Rate (2017-2022)

12.2 N-Methylmorpholine Oxide Market Forecast by Regions (2017-2022)

12.2.1 North America N-Methylmorpholine Oxide Market Forecast (2017-2022)

12.2.2 Europe N-Methylmorpholine Oxide Market Forecast (2017-2022)

12.2.3 Asia-Pacific N-Methylmorpholine Oxide Market Forecast (2017-2022)

12.2.4 South America N-Methylmorpholine Oxide Market Forecast (2017-2022)

12.2.5 Middle East and Africa N-Methylmorpholine Oxide Market Forecast (2017-2022)



12.3 N-Methylmorpholine Oxide Market Forecast by Type (2017-2022)

12.4 N-Methylmorpholine Oxide Market Forecast by Application (2017-2022)

## **13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS**

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

## **14 RESEARCH FINDINGS AND CONCLUSION**

## **15 APPENDIX**

15.1 Methodology

15.2 Analyst Introduction

15.3 Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure N-Methylmorpholine Oxide Picture

Table Product Specifications of N-Methylmorpholine Oxide

Figure Global Sales Market Share of N-Methylmorpholine Oxide by Types in 2016

Table N-Methylmorpholine Oxide Types for Major Manufacturers

Figure Liquid Picture

Figure Solid Picture

Table N-Methylmorpholine Oxide Sales Market Share by Applications in 2016

Figure Solvent Picture

Figure Pharmaceutical Intermediates Picture

Figure Other Picture

Figure USA N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure Canada N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure Mexico N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure Germany N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure France N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure UK N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure Russia N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure Italy N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure China N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure Japan N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure Korea N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure India N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure Southeast Asia N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure Brazil N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure Egypt N-Methylmorpholine Oxide Revenue (Value) and Growth Rate

(2012-2022)

Figure Saudi Arabia N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure South Africa N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Figure Nigeria N-Methylmorpholine Oxide Revenue (Value) and Growth Rate (2012-2022)

Table BASF Basic Information, Manufacturing Base and Competitors

Table BASF N-Methylmorpholine Oxide Type and Applications

Table BASF N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Huntsman Basic Information, Manufacturing Base and Competitors

Table Huntsman N-Methylmorpholine Oxide Type and Applications

Table Huntsman N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Amines & Plasticizers Limited Basic Information, Manufacturing Base and Competitors

Table Amines & Plasticizers Limited N-Methylmorpholine Oxide Type and Applications

Table Amines & Plasticizers Limited N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Anhui Wotu Chemical Basic Information, Manufacturing Base and Competitors

Table Anhui Wotu Chemical N-Methylmorpholine Oxide Type and Applications

Table Anhui Wotu Chemical N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Jiangsu Lianrun Chemical Basic Information, Manufacturing Base and Competitors

Table Jiangsu Lianrun Chemical N-Methylmorpholine Oxide Type and Applications

Table Jiangsu Lianrun Chemical N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Sincere Chemicals Basic Information, Manufacturing Base and Competitors

Table Sincere Chemicals N-Methylmorpholine Oxide Type and Applications

Table Sincere Chemicals N-Methylmorpholine Oxide Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Global N-Methylmorpholine Oxide Sales by Manufacturer (2016-2017)

Figure Global N-Methylmorpholine Oxide Sales Market Share by Manufacturer in 2016

Figure Global N-Methylmorpholine Oxide Sales Market Share by Manufacturer in 2017

Table Global N-Methylmorpholine Oxide Revenue by Manufacturer (2016-2017)

Figure Global N-Methylmorpholine Oxide Revenue Market Share by Manufacturer in 2016

Figure Global N-Methylmorpholine Oxide Revenue Market Share by Manufacturer in 2017

Figure Global N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure Global N-Methylmorpholine Oxide Revenue and Growth (2012-2017)

Table Global N-Methylmorpholine Oxide Sales by Regions (2012-2017)

Table Global N-Methylmorpholine Oxide Sales Market Share by Regions (2012-2017)

Table Global N-Methylmorpholine Oxide Revenue by Regions (2012-2017)

Table Global N-Methylmorpholine Oxide Revenue Market Share by Regions in 2012

Table Global N-Methylmorpholine Oxide Revenue Market Share by Regions in 2016

Figure North America N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure Europe N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure Asia-Pacific N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure South America N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure Middle East and Africa N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure North America N-Methylmorpholine Oxide Revenue and Growth (2012-2017)

Table North America N-Methylmorpholine Oxide Sales by Countries (2012-2017)

Table North America N-Methylmorpholine Oxide Sales Market Share by Countries (2012-2017)

Figure North America N-Methylmorpholine Oxide Sales Market Share by Countries in 2012

Figure North America N-Methylmorpholine Oxide Sales Market Share by Countries in 2016

Table North America N-Methylmorpholine Oxide Revenue by Countries (2012-2017)

Table North America N-Methylmorpholine Oxide Revenue Market Share by Countries (2012-2017)

Figure North America N-Methylmorpholine Oxide Revenue Market Share by Countries in 2012

Figure North America N-Methylmorpholine Oxide Revenue Market Share by Countries in 2016

Figure USA N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure Canada N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure Mexico N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure Europe N-Methylmorpholine Oxide Revenue and Growth (2012-2017)

Table Europe N-Methylmorpholine Oxide Sales by Countries (2012-2017)

Table Europe N-Methylmorpholine Oxide Sales Market Share by Countries (2012-2017)

Table Europe N-Methylmorpholine Oxide Revenue by Countries (2012-2017)

Table Europe N-Methylmorpholine Oxide Revenue Market Share by Countries in 2012

Table Europe N-Methylmorpholine Oxide Revenue Market Share by Countries in 2016

Figure Germany N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure UK N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure France N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure Russia N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure Italy N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure Asia-Pacific N-Methylmorpholine Oxide Revenue and Growth (2012-2017)  
Table Asia-Pacific N-Methylmorpholine Oxide Sales by Countries (2012-2017)  
Table Asia-Pacific N-Methylmorpholine Oxide Sales Market Share by Countries (2012-2017)  
Table Asia-Pacific N-Methylmorpholine Oxide Sales Market Share by Countries (2012-2017)  
Table Asia-Pacific N-Methylmorpholine Oxide Revenue by Countries (2012-2017)  
Table Asia-Pacific N-Methylmorpholine Oxide Revenue Market Share by Countries (2012-2017)  
Figure China N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure Japan N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure Korea N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure India N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure Southeast Asia N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure South America N-Methylmorpholine Oxide Revenue and Growth (2012-2017)  
Table South America N-Methylmorpholine Oxide Sales by Countries (2012-2017)  
Table South America N-Methylmorpholine Oxide Sales Market Share by Countries (2012-2017)  
Figure South America N-Methylmorpholine Oxide Sales Market Share by Countries in 2016  
Table South America N-Methylmorpholine Oxide Revenue by Countries (2012-2017)  
Table South America N-Methylmorpholine Oxide Revenue Market Share by Countries (2012-2017)  
Figure South America N-Methylmorpholine Oxide Revenue Market Share by Countries in 2012  
Figure South America N-Methylmorpholine Oxide Revenue Market Share by Countries in 2016  
Figure Brazil N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure Argentina N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure Columbia N-Methylmorpholine Oxide Sales and Growth (2012-2017)  
Figure Middle East and Africa N-Methylmorpholine Oxide Revenue and Growth (2012-2017)  
Table Middle East and Africa N-Methylmorpholine Oxide Sales by Countries (2012-2017)

Table Middle East and Africa N-Methylmorpholine Oxide Sales Market Share by Countries (2012-2017)

Figure Middle East and Africa N-Methylmorpholine Oxide Sales Market Share by Countries in 2016

Table Middle East and Africa N-Methylmorpholine Oxide Revenue by Countries (2012-2017)

Table Middle East and Africa N-Methylmorpholine Oxide Revenue Market Share by Countries (2012-2017)

Figure Middle East and Africa N-Methylmorpholine Oxide Revenue Market Share by Countries in 2012

Figure Middle East and Africa N-Methylmorpholine Oxide Revenue Market Share by Countries in 2016

Figure Saudi Arabia N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure UAE N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure Egypt N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure Nigeria N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Figure South Africa N-Methylmorpholine Oxide Sales and Growth (2012-2017)

Table Global N-Methylmorpholine Oxide Sales by Type (2012-2017)

Table Global N-Methylmorpholine Oxide Sales Share by Type (2012-2017)

Table Global N-Methylmorpholine Oxide Revenue by Type (2012-2017)

Table Global N-Methylmorpholine Oxide Revenue Share by Type (2012-2017)

Figure Global Liquid Sales Growth (2012-2017)

Figure Global Liquid Price (2012-2017)

Figure Global Solid Sales Growth (2012-2017)

Figure Global Solid Price (2012-2017)

Table Global N-Methylmorpholine Oxide Sales by Application (2012-2017)

Table Global N-Methylmorpholine Oxide Sales Share by Application (2012-2017)

Figure Global Solvent Sales Growth (2012-2017)

Figure Global Pharmaceutical Intermediates Sales Growth (2012-2017)

Figure Global Other Sales Growth (2012-2017)

Figure Global N-Methylmorpholine Oxide Sales, Revenue and Growth Rate (2017-2022)

Table Global N-Methylmorpholine Oxide Sales Forecast by Regions (2017-2022)

Table Global N-Methylmorpholine Oxide Market Share Forecast by Regions (2017-2022)

Figure North America Sales N-Methylmorpholine Oxide Market Forecast (2017-2022)

Figure Europe Sales N-Methylmorpholine Oxide Market Forecast (2017-2022)

Figure Asia-Pacific Sales N-Methylmorpholine Oxide Market Forecast (2017-2022)

Figure South America Sales N-Methylmorpholine Oxide Market Forecast (2017-2022)

Figure Middle East and Africa Sales N-Methylmorpholine Oxide Market Forecast (2017-2022)

Table Global N-Methylmorpholine Oxide Sales Forecast by Type (2017-2022)

Table Global N-Methylmorpholine Oxide Market Share Forecast by Type (2017-2022)

Table Global N-Methylmorpholine Oxide Sales Forecast by Application (2017-2022)

Table Global N-Methylmorpholine Oxide Market Share Forecast by Application (2017-2022)

Table Distributors/Traders/ Dealers List

## I would like to order

Product name: Global N-Methylmorpholine Oxide Market by Manufacturers, Countries, Type and Application, Forecast to 2022

Product link: <https://marketpublishers.com/r/GC659A0557DEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC659A0557DEN.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



