

United States N-Methylmorpholine Oxide Market by Manufacturers, States, Type and Application, Forecast to 2022

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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 United States market, to split the market based on manufacturers, states, 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 States, covering
California

Texas

New York

Florida

Illinois

Market Segment by Type, covers
Liquid

Solid

Market Segment by Applications, can be divided into
Solvent

Pharmaceutical Intermediates

Other

There are 17 Chapters to deeply display the United States N-Methylmorpholine Oxide market.

Chapter 1, to describe N-Methylmorpholine Oxide Introduction, product type and application, market overview, market analysis by States, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of N-Methylmorpholine Oxide, with profile, main business, news, sales, price, revenue and market share 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 United States market by States, covering California, New

York, Texas, Illinois and Florida, with sales, price, revenue and market share of N-Methylmorpholine Oxide, for each state, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8, 9, 10 and 11, to analyze the key States by Type and Application, covering California, New York, Texas, Illinois and Florida, with sales, revenue and market share by types and applications;

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

Chapter 13, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 14, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 15, to describe sales channel, distributors, traders, dealers etc.

Chapter 16 and 17, to describe N-Methylmorpholine Oxide Research Findings and Conclusion, Appendix, methodology and data source.

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