

# **Ammonia: Market Research Report**

https://marketpublishers.com/r/A32D6DAEC9DEN.html

Date: October 2010

Pages: 379

Price: US\$ 4,500.00 (Single User License)

ID: A32D6DAEC9DEN

## **Abstracts**

This report analyzes the worldwide markets for Ammonia in Thousands of Metric Tons by the following End Use Segments: Fertilizer Applications (Carbamide (Urea), Ammonium Phosphate, Ammonium Nitrate, and Ammonium Sulfate), and Others Applications.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World.

Annual estimates and forecasts are provided for the period 2007 through 2015.

A seven-year historic analysis is also provided for these markets.

The report profiles 101 companies including many key and niche players such as Acron, Agrium, Inc., BASF SE, CF Industries Inc, Terra Industries, Inc., DSM Agro BV, Koch Nitrogen Company, Potash Corporation of Saskatchewan Inc., Total S.A, The Mosaic Company, and Yara International ASA.

Market data and analytics are derived from primary and secondary research.

Company profiles are mostly extracted from URL research and reported select online sources.



## **Contents**

#### 1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study

#### 2. INDUSTRY OVERVIEW

Market Outlook

A Quick Primer on Ammonia Production

**Table 1.** World Production Of Ammonia (2008): Percentage Breakdown Of Production Volume By Geographic Region –Asia-Pacific, Europe, Americas, The Middle East and Rest of World (includes corresponding Graph/Chart)

**Table 2.** World Ammonium Phosphate Production (2008): Breakdown of Percentage Share by Top 5 Countries- China, US, Morocco, Russia, Jordan and Others (includes corresponding Graph/Chart)

Bright Outlook for Ammonia Production Growth in Biofuels Increase Demand for Nitrogen- Based Fertilizers

**Table 3.** Global Urea Usage for Biofuel Cultivation (2005-2009): Annual Breakdown in Million Tons (includes corresponding Graph/Chart)

Flurry of Capacity Expansion Across the World on Cards

**Table 4.** Ammonia Projects for the Period 2008-2012

Pricing Pattern and Major Pricing Trends

Slowdown Results in Drastic Decline in Fertilizer Prices in 2009

Oversupplied Ammonia Market – Another Reason for Decline in Prices



Fertilizer Prices – A Comparison of 2008 and 2009 Outlook of Fertilizer Prices, Demand and Supply Environmental Impact of Ammonia Production Changing Market Pattern of Ammonia

**Table 5.** Global Ammonia Consumption (2009): Percentage Breakdown by End-use Segments – Urea Fertilizer, Other Fertilizers, Urea Industrial, Other Industrial, Ammonium Nitrates, Ammonium Phosphate and Direct Application (includes corresponding Graph/Chart)

Asia Dominates Production and Consumption of Urea Growing Importance of Alternative Feedstocks for Ammonia Production New Markets for Urea

#### 3. GLOBAL AMMONIA MARKET TRENDS & ISSUES

Ammonia Market Trends Post 2008
Ammonia Production and Market Leaders
Major Fertilizer Consuming Regions Increase Natural Gas Production
Global Fertilizer Consumption Impacted by Worldwide Recession
Disposable Income to Increase Demand for Fertilizers
Artificial Fibre and Plastics Industry Increase Demand for Ammonia
Increase in Production of Ammonia likely by 2013
Producers Show Interest to Set up Facilities in Developing Nations
Regulatory Pressure Mandates Industry to Adopt Energy Efficient Measures
Issues and Trends in the Recent Past
China - Largest Ammonia Consuming Nation
Russian Fertilizer Producers Aim at Western Europe Markets
US Fertilizer Producers Struggle in World Markets
Issues Confronting Fluid Fertilizer Market

#### 4. GLOBAL AMMONIA CONSUMPTION AND TRADE

Nitrogen Fertilizer Consumption

**Table 6.** Global Nitrogen Fertilizer Usage 2010): Percentage Breakdown by Crops Types– Wheat, Rice, Corn, Fruits & Vegetables, Other Coarse Grain, Other Oilseed,



Cotton, Sugar, Soyabean, Oil Palm and Others (includes corresponding Graph/Chart)

**Table 7.** Global Nitrogen Fertilizer Consumption (2009): Percentage Breakdown by Regions – China, India, Other Asia, the US, European Union, Brazil, Canada, Africa and Others (includes corresponding Graph/Chart)

Potash Fertilizer Consumption

**Table 8.** Global Potash Fertilizer Consumption (2009): Percentage Breakdown by Regions – China, India, Other Asia, Brazil, the US, Canada and Others (includes corresponding Graph/Chart)

Export & Import Statistics of Downstream Ammonia Products

**Table 9.** World Ammonia Exports (2008): Percentage Breakdown of Export Volume by Geographic Region – E. Europe & C. Asia, Latin America, West Asia (M. East), East Asia, West Europe, North America, Africa, Central Europe, Oceania and South Asia (includes corresponding Graph/Chart)

**Table 10.** World Ammonia Imports (2008): Percentage Breakdown of Import Volume by Geographic Region – North America, West Europe, East Asia, South Asia, West Asia (M. East), Africa, Latin America, E. Europe & C. Asia, Central Europe and Oceania (includes corresponding Graph/Chart)

**Table 11.** Global Phosphate Exports (2009): Percentage Breakdown by Countries – US, Russia, China, Morocco, Tunisia, Lithuania, Jordan, Mexico, Australia and Others (includes corresponding Graph/Chart)

**Table 12.** Global Phosphate Exports (Ammonium Phosphate/Phosphate Rock/Phosphoric Acid) (2008): Percentage Breakdown of Market Share by Companies – OCP (Morocco), JPMC (Jordan), Gecopham (Syria), Ferphos (Algeria), Phosagro (Russia) and Others (includes corresponding Graph/Chart)

**Table 13.** World Urea Exports (2006): Percentage Breakdown of Export Volume by Geographic Region – West Europe, Central Europe, E. Europe & C. Asia, North America, Latin America, Africa, West Asia (M. East), South Asia, and East Asia (includes corresponding Graph/Chart)



**Table 14.** World Urea Imports (2006): Percentage Breakdown of Import Volume by Select Geographic Region – West Europe, Central Europe, E. Europe & C. Asia, North America, Latin America, Africa, West Asia (M. East), South Asia, East Asia, and Oceania (includes corresponding Graph/Chart)

**Table 15.** World Ammonium Nitrate Exports (2006): Percentage Breakdown of Export Volume by Geographic Region – West Europe, Central Europe, E. Europe & C. Asia, North America, Latin America, Africa, West Asia (M. East), East Asia, and Oceania (includes corresponding Graph/Chart)

**Table 16.** World Ammonium Nitrate Imports (2006): Percentage Breakdown of Import Volume by Geographic Region – West Europe, Central Europe, E. Europe & C. Asia, North America, Latin America, Africa, West Asia (M. East), South Asia, East Asia, and Oceania (includes corresponding Graph/Chart)

**Table 17.** World Ammonium Sulphate Exports (2006): Percentage Breakdown of Export Volume by Geographic Region – West Europe, Central Europe, E. Europe & C. Asia, North America, Latin America, West Asia (M. East), East Asia, and Oceania (includes corresponding Graph/Chart)

**Table 18.** World Ammonium Sulphate Imports (2006): Percentage Breakdown of Import Volume by Geographic Region – West Europe, Central Europe, E. Europe & C. Asia, North America, Latin America, Africa, West Asia (M. East), South Asia, East Asia, and Oceania (includes corresponding Graph/Chart)

#### 5. PRODUCT OVERVIEW

Product Definition

Synthesis of Ammonia – A Brief History

Ammonia Applications

Industrial End-uses of Ammonia and Derivates

Ammonia as Refrigerant

Statistics of Downstream Ammonia Products

**Table 19.** World Urea Production (2006): Percentage Breakdown of Production Volume by Geographic Region – West Europe, Central Europe, E. Europe & C. Asia, North America, Latin America, Africa, West Asia (M. East), South Asia, East Asia, and Oceania. (includes corresponding Graph/Chart)



**Table 20.** World Ammonium Nitrate Production (2006): Percentage Breakdown of Production Volume by Geographic Region – West Europe, Central Europe, E. Europe & C. Asia, North America, Latin America, Africa, West Asia (M. East), South Asia, East Asia, and Oceania (includes corresponding Graph/Chart)

**Table 21.** World Ammonium Sulphate Production (2006): Percentage Breakdown of Production Volume by Geographic Region – West Europe, Central Europe, E. Europe & C. Asia, North America, Latin America, Africa, West Asia (M. East), South Asia, East Asia, and Oceania (includes corresponding Graph/Chart)

End-Use Analysis
Fertilizers
What Drives Demand for Fertilizers

**Table 22.** Global Fertilizer Consumption (2008): Breakdown in kg/ ha by Countries - UK, China, France, Chile, US, Brazil, India, New Zealand and Australia (includes corresponding Graph/Chart)

**Table 23.** World Demand for Fertilizers (2008): Percentage Breakdown by Types – Urea, AN/CAN/ASN, MAP/DAP, Other Cx and Others (includes corresponding Graph/Chart)

**Urea Fertilizer** 

Ammonium Phosphate Fertilizer

Phosphate Supply to Witness Growth

China Playing Safe

Ammonium Nitrate Fertilizer

Challenges Ahead

Ammonium Sulfate Fertilizer

Sulphur Supply to Increase

Nitric Acid Chemical

Acrylonitrile

Regulatory Environment

European Union Proposes Major Reduction in the Emission of Ammonia and Other Chemicals Oxide

Technology Developments and New End-Use Applications

Ammonia as Refrigerant in Modern Microchannel Tube Technology

New Low Temperature and Low Pressure Catalyst



Production of Ammonia through Waste Plastics by Showa Denko Wahlco and Hamon Research-Cottrell Market a New Ammonia Generation Process Latest Ammonia Synthesis Technologies

#### 6. PRODUCT INNOVATIONS/INTRODUCTIONS

Litmus FQI to Launch Litmus Ammonia Indicators
HS3 Technologies Launches N-Sight Ammonia Sensor

#### 7. RECENT INDUSTRY ACTIVITY

**CF Industries Acquires Terra Industries** 

Yara International to Merge with Terra Industries

Vale S.A Acquires Additional Stake in Vale Fertilizantes of Brazil

PT Multi Nitrotama Kimia to Establish a New Plant In Indonesia

EDCC Extends Ammonia Supply Agreement with Koch Nitrogen

Matix Fertilizers and Chemicals Selects KBR as Supply Partner

ThermoEnergy and F.R. Mahony Sign MoU to Develop BioCAST (TM)

Royal DSM N.V Divests DSM Agro to Orascom Construction

Terra Industries Restarts the Ammonia Plant

AS BCT Unveils Ammonia Trans-shipment Complex

SynGest to Establish Bio-ammonia Plant

Shikefeng to Establish New Fertilizer Plant

Petrokimia Plans to Establish New Ammonia Plant in Indonesia

Liuguo to Initiate Construction of Ammonia Plant

Perdaman to Initiate Collie Urea Project

Sibur to Acquire Odessa the Second Largest Ammonia Producer in Russia

Voskresensk Mineral Fertilizers Divests Stake to URALCHEM

Navistar Uses Amminex's Nox Reductant Delivery System

Agrium to Divest Distribution Facilities

Airgas Acquires Pacific Diazo Products

Altairstrickland Takes Over Repcon

Brentag Acquires Chemical Supply Business of Yara International

IFC to Acquire Minority Interest in KuibyshevAzot

Hubei Yihua to Acquire Controlling Interest in Erdos Lianhe Chemical

Alstom, We Energies and EPRI Launch CO2 Capture Project

PT Redland to Establish Ammonia Facility

Sonatrach, Fertiberia Float Joint Venture for Ammonia

Mitsui Plans to Build Methanol, Ammonia Production Complex in Russia



Yara International to Float Joint Venture with DFPCL

Algeria Oman to Build Fertilizer Complex in Algeria

Rashtriya Chemicals to Float Joint Venture with Key South African Firms

Sonatrach to Set Up Two Petrochemical Plants

Krishak Bharti to Establish Ammonia and Urea Plants in Nigeria

Fosagro to Establish Ammonia Plant

Fertipar to Establish New Fertilizer Plant

GrowHow UK Pumps £15 Million for Ammonium Nitrate Expansion

QAFCO Inks LOI with GE Oil and Gas for Ammonia Capacity Expansion

GrowHow Temporarily Stops Ammonia Production

Vietnam National and Haldor Ink Agreement for Equipment and Technology Supply

Koch Nitrogen Inks Agreement with Dyno Nobel for UAN Production

Yara Signs MOU with Burrup Holdings to Build TAN Facility

Rashtriya Chemicals Joins Forces with GAIL India

Phu My Fertilizers Signs MoU with OCP

KBR Clinches Major Contract from MFS

Haldor Licenses Ammonia Technology for Ninh Binh Ammonia Synthesis Plant

# 8. CORPORATE INDUSTRY ACTIVITY IN THE RECENT PAST – A PERSPECTIVE BUILDER

Acron to Start Production of Urea-Ammonium Nitrate

Agrium Signs Offtake Agreement with FHP

A New Petrochemical Complex Inaugurated in Southern Iran

Terra Industries, Kemira Set up Joint Venture Company

China BlueChemical Forms Joint Venture with Jincheng Government

Fabchem to Purchase Hebei Yinguang Chemical

Yara International to Take Over Kemira

Airgas Acquires Aqua Ammonia Business of Continental Nitrogen & Resources

Meifeng Acquires Controlling Interest in Guizhou Fertilizer

Qatar Fertilizer Plans US\$ 3. 2 Billion Expansion

Terra and Orica to Construct New Plant in Peru

Razis to Commence Production at its Third Ammonia Project

Fertilizers & Chemicals Travancore Plans Expansion of Ammonia Urea Plant

Showa Denko to Raise Ammonia Gas Production

KazAzot Commences Construction of Ammonia- Carbamide Plant

Aton International Acquires Minority Interest in Acron

Chance & Hunt to Acquire Process Chemicals Business of GrowHow

DFPC on Expansion Mode



Sojitz Corp to Set Up Refurbished Ammonia Plant in Pakistan

Faustina Hydrogen Products Plans US\$1. 6 Billion Chemical Plant

Lutianhua to Raise Investment in Ningxia Jiemei Fengyou

Coromandel and Godavari Fertilisers Merge

Metafraks to Build Urea and Ammonia Plant

Guizhou, Guiyang to Pump RMB Yuan 1. 6 billion for Synthetic Ammonia Plant

SDK Augments Production of High-Purity Ammonia in Taiwan

Japanese and Russian Companies Ally to Build Chemical Facility in Tatarstan

Samsung Engineering to Construct Ammonia Plant for Saudi Arabian Mining Co.

EBIC Considers to Expand its Anhydrous Ammonia Plant

Pupuk Collaborates with NPC and PIC

Yara to Form Joint Venture with NOC

Villar Mir to Construct Ammonia Plant in Algeria

Eastman Chemical Acquires Beaumont Assets of Terra Industries

#### 9. FOCUS ON SELECT PLAYERS

Acron (Russia)

Agrium Inc. (Canada)

BASF SE (Germany)

CF Industries, Inc. (USA)

Terra Industries, Inc. (USA)

DSM Agro BV (Netherlands)

Koch Nitrogen Company (USA)

Potash Corporation of Saskatchewan, Inc. (Canada)

Total S.A (France)

The Mosaic Company (USA)

Yara International ASA (Norway)

#### **10.GLOBAL MARKET PERSPECTIVE**

**Table 24.** World Recent Past, Current & Future Analysis for Ammonia by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 25.** World Historic Review for Ammonia by Geographic Region – US, Canada,



Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 26.** World 11-Year Perspective for Ammonia by Geographic Region – Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)

Ammonia Market by End-Use Applications

**Table 27.** World Recent Past, Current & Future Analysis for Ammonia (Fertilizer Applications) by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 28.** World Historic Review for Ammonia (Fertilizer Applications) by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 29.** World 11-Year Perspective for Ammonia (Fertilizer Applications) by Geographic Region – Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)

**Table 30.** World Recent Past, Current & Future Analysis for Ammonia (Carbamide/Urea Fertilizers) by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 31.** World Historic Review for Ammonia (Carbamide/ Urea Fertilizers) by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding



## Graph/Chart)

**Table 32.** World 11-Year Perspective for Ammonia (Carbamide/Urea Fertilizers) by Geographic Region – Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)

**Table 33.** World Recent Past, Current & Future Analysis for Ammonia (Ammonium Phosphate Fertilizer) by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 34.** World Historic Review for Ammonia (Ammonium Phosphate Fertilizers) by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 35.** World 11-Year Perspective for Ammonia (Ammonium Phosphate Fertilizers) by Geographic Region – Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)

**Table 36.** World Recent Past, Current & Future Analysis for Ammonia (Ammonium Nitrate Fertilizers) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 37.** World Historic Review for Ammonia (Ammonium Nitrate Fertilizers) by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 38.** World 11-Year Perspective for Ammonia (Ammonium Nitrate Fertilizers) by Geographic Region – Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for



Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)

**Table 39.** World Recent Past, Current & Future Analysis for Ammonia (Ammonium Sulfate Fertilizers) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 40.** World Historic Review for Ammonia (Ammonium Sulfate Fertilizers) by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 41.** World 11-Year Perspective for Ammonia (Ammonium Sulfate Fertilizers) by Geographic Region – Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)

**Table 42.** World Recent Past, Current & Future Analysis for Ammonia (Other Applications) by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 43.** World Historic Review for Ammonia (Other Applications) by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 44.** World 11-Year Perspective for Ammonia (Other Applications) by Geographic Region – Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### 11. THE UNITED STATES

A. Market Analysis



**Current and Future Analysis** 

Market Primer

Fertilizers –The Major End-use Segment

Ammonia Prices Continue to Spiral

Outlook: US Reliance on Imports Set to Increase

US Problem of Ammonia Imports Deepens

Hydrogen Produced by Electrolysis Could Reduce US Ammonia Imports in Future

Renewable Electric Sources for 'Green' Ammonia

Hydro Electric Power

Wind Power

Solar Power

Import & Export Statistics

**Table 45.** US Imports of Ammonia (2007 & 2008): Percentage Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)

**Key Players** 

**Table 46.** Ammonium Nitrate Production in North America (2007): Percentage Breakdown of Market Share by Companies - Dyno Nobel, Orica, PCS, Terra Industries, EDC, CNR Brandon, Agrium and Austin (includes corresponding Graph/Chart)

**Table 47.** Leading Ammonia Producers in North America (2006): Breakdown of Production by Companies - Terra Industries, CF Industries, Koch Nitrogen, PotashCorp, Agrium, Mosaic, Honeywell, Royster-Clark and Dyno Nobel (includes corresponding Graph/Chart)

Ammonia Market – A Historic Review

**Table 48.** Price of Natural Gas in the United States: Breakdown by Sector for the Years 2004 through 2007 (In US\$ Per Thousand Cubic Feet) (includes corresponding Graph/Chart)

Ammonia Plants Status (1999-2004)

B. Market Analytics



**Table 49.** US Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 50.** US Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 51.** US 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### 12. CANADA

A. Market Analysis
Current and Future Analysis
Key Research Findings

**Table 52.** Canadian Exports of Ammonia (2007): Breakdown of Exports Value by Key Destination Countries (In US\$ 000s) (includes corresponding Graph/Chart)

**Table 53.** Canadian Imports of Ammonia (2007): Breakdown of Import Value by Select Countries of Origin (In US\$) (includes corresponding Graph/Chart)

Key Players

B. Market Analytics

**Table 54.** Canadian Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other



Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 55.** Canadian Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 56.** Canadian 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### **13. JAPAN**

Market Analysis

**Table 57.** Japanese Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 58.** Japanese Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 59.** Japanese 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### 14. EUROPE



A. Market Analysis
Current and Future Analysis
Imposition of Antidumping Charges
B. Market Analytics

**Table 60.** European Recent Past, Current & Future Analysis for Ammonia by Geographic Region – France, Germany, UK, Italy, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 61.** European Historic Review for Ammonia by Geographic Region – France, Germany, UK, Italy, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 62.** European Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 63.** European Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 64.** European 11-Year Perspective for Ammonia by Geographic Region – Percentage Breakdown of Volume Sales for France, Germany, UK, Italy, Spain, Russia, and Rest of Europe Markets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)

**Table 65.** European 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer, and Other Applications Markets for Years 2005, 2010 & 2015 (includes corresponding Graph/Chart)



#### 14A.FRANCE

A. Market AnalysisCurrent and Future AnalysisKey PlayerB. Market Analytics

**Table 66.** French Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 67.** French Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 68.** French 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### **14B.GERMANY**

A. Market AnalysisCurrent and Future AnalysisKey PlayerB. Market Analytics

**Table 69.** German Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)



**Table 70.** German Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 71.** German 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### 14C.ITALY

Market Analysis

**Table 72.** Italian Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 73.** Italian Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 74.** Italian 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

## 14D.THE UNITED KINGDOM

A. Market Analysis

Current and Future Analysis



## B. Market Analytics

**Table 75.** UK Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 76.** UK Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 77.** UK 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### 14E.SPAIN

Market Analysis

**Table 78.** Spanish Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 79.** Spanish Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 80.** Spanish 11-Year Perspective for Ammonia by End-Use Segment –



Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### 14F.RUSSIA

A. Market Analysis
Current and Future Analysis
Major Trends
Stable Production of Ammonia as Demand Remains
Unaffected
Global Financial Crisis Delays Projects
Export Markets
Key Players
B. Market Analytics

**Table 81.** Russian Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 82.** Russian Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 83.** Russian 11-Year Perspective for Ammonia by End-Use Segment — Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### **14G.REST OF EUROPE**

A. Market Analysis



Key Players

B. Market Analytics

**Table 84.** Rest of Europe Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 85.** Rest of Europe Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 86.** Rest of Europe 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### 15. ASIA-PACIFIC

A. Market Analysis
Current and Future Analysis
China Regulates Rapid Expansion of Synthetic Ammonia Production Facilities
Decreased Ammonia Prices – An Opportunity for India
B. Market Analytics

**Table 87.** Asia-Pacific Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 88.** Asia-Pacific Historic Review for Ammonia by End-Use Segment – Fertilizer



Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 89.** Asia-Pacific 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### **16. LATIN AMERICA**

A. Market AnalysisCurrent and Future AnalysisB. Market Analytics

**Table 90.** Latin American Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 91.** Latin American Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 92.** Latin American 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

#### 17. REST OF WORLD



A. Market Analysis

Current and Future Analysis

Middle East and North Africa: Emerging Worldwide Exporters of Nitrogen Fertilizers Production Capacity

Potential Ammonia Expansion Projects in Middle East through 2011: Breakdown by Company, Country, Area of Location, Product, and Year of Operation Trinidad and Tobago – World's Largest Ammonia Exporter B. Market Analytics

**Table 93.** Rest of World Recent Past, Current & Future Analysis for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2007 through 2015 (includes corresponding Graph/Chart)

**Table 94.** Rest of World Historic Review for Ammonia by End-Use Segment – Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets Independently Analyzed with Annual Sales Figures in Thousand Metric Tons for Years 2000 through 2006 (includes corresponding Graph/Chart)

**Table 95.** Rest of World 11-Year Perspective for Ammonia by End-Use Segment – Percentage Breakdown of Volume Sales for Fertilizer Applications (Carbamide (Urea) Fertilizer, Ammonium Phosphate Fertilizer, Ammonium Nitrate Fertilizer, Ammonium Sulfate Fertilizer), and Other Applications Markets for 2005, 2010 & 2015 (includes corresponding Graph/Chart)

Competition

Total Companies Profiled: 101 (including Divisions/Subsidiaries - 104)

Region/CountryPlayers

The United States

Canada

Japan

Europe

France

Germany

The United Kingdom



Italy
Spain
Rest of Europe
Asia-Pacific (Excluding Japan)
Latin America
Middle East
Africa
caribbean

Please read Global Industry Analysts, Inc., - Sales Policy below before placing an order: All Publications from Global Industry Analysts, Inc., (GIA) are protected per protocols of the Universal Copyrights Convention and the United States Copyrights Office. It is GIA's policy that once purchased, these publications may not be returned for any reason. GIA makes all reasonable attempts to report current and accurate information in its publications.

GIA will not be responsible for any type of damages (financial or other) incurred by the client (company or individual) in the usage of GIA's publications or services. The client agrees that in case a legal resolution becomes necessary, the venue shall be the city of San Francisco, California, USA. Under any circumstances, GIA's liability shall be limited to the exact price of the product or service paid to GIA by the client. This publication is sold as a single-user single-site license. Electronic versions operate like normal PDF files once installed and permit unlimited print and cut & paste. Digital controls and watermarks are set on electronic copies and are protected against copying. Extra licenses can be purchased for the same location at 10% of the list price.



## I would like to order

Product name: Ammonia: Market Research Report

Product link: <a href="https://marketpublishers.com/r/A32D6DAEC9DEN.html">https://marketpublishers.com/r/A32D6DAEC9DEN.html</a>

Price: US\$ 4,500.00 (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 <a href="https://marketpublishers.com/r/A32D6DAEC9DEN.html">https://marketpublishers.com/r/A32D6DAEC9DEN.html</a>