Acetaldehyde - Global Strategic Business Report

Description: The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, China, Asia-Pacific, Middle East & Africa, and Latin America. Annual estimates and forecasts are provided for the period 2015 through 2022. Also, a six-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs.

This report analyzes the worldwide markets for Acetaldehyde in Tons. The Global market is further analyzed by the following End-Use Segments: Acetate Esters, Pentaerythritol, Pyridine & Pyridine Bases, and Others.

The report profiles 18 companies including many key and niche players such as -

- Ashok Alco - chem Limited
- Celanese Corporation
- Eastman Chemical Company
- Jubilant Life Sciences Limited
- Laxmi Organic Industries

Contents:

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS
- Study Reliability and Reporting Limitations
- Disclaimers
- Data Interpretation & Reporting Level
- Quantitative Techniques & Analytics
- Product Definitions and Scope of Study
- Acetate Esters
- Pentaerythritol
- Pyridine
- Others
- 1,3-Butylene Glycol
- Crotonaldehyde
- Glyoxal

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW
   - Acetaldehyde: A Vital Platform Chemical for Organic Chemicals Production
   - Uses of Acetaldehyde
   - Key Acetaldehyde Extraction Processes
   - Ethanol Dehydrogenation
   - Ethanol Oxidation
   - Wackie Cheme Process
   - Wacker Process
   - Methanol Hydroformylation
   - Global Market Outlook
   - Japan, China and Other Asian Countries Sustain Growth Momentum
   - Butadiene Supply Disruption Benefits the Japanese Acetaldehyde Market

2. NOTEWORTHY TRENDS, DRIVERS & ISSUES
   - Expanding Applications for Glyoxal/Glyoxylic Acid Drives Demand for Acetaldehyde
   - Pharmaceutical Applications
   - Petroleum Applications
   - Textile Dyeing/Printing Applications
   - Light Industry
   - Next-generation Technologies Gain Prominence over Acetaldehyde for Acetic Acid Manufacturing
   - Methanol Overtakes Acetaldehyde in Acetic Acid Production
Methanol Carbonylation: The Predominant Acetic Acid Manufacturing Process
Indication of Lost Opportunity for Acetaldehyde in Acetic Acid Synthesis
Table 1: Global Acetic Acid Production by Technology (2013): Percentage Breakdown of Production Capacity for Acetaldehyde Oxidation, Ethyl Alcohol, Methanol Carbonylation and Others (includes corresponding Graph/Chart)
Table 2: Annual Consumption of Methanol (in Thousand Tons) in Acetic Acid Production: 2014 through 2020 (includes corresponding Graph/Chart)
Standard Monsanto Technology Stands Strong
AO Plus® Process Technology: Superior to Conventional Monsanto Technology
BP Unveils New SaaBre Technology for Acetic Acid Production
Eastman’s Technology Emphasizes on Co-Production of Acetic Acid and Acetic Anhydride
Pyridine & Pyridine Bases Emerge as the Fastest Growing End-use Segment
Increasing Production of Crotonaldehyde Benefit Consumption of Acetaldehyde in its Synthesis
Rising Demand for Sorbic Acid as Antimicrobial Preservative Drives Crotonaldehyde Production
Key Opportunity Indicator:
Table 3: Global Antimicrobial Preservatives Market by Type (2014): Percentage Share Breakdown of Value Sales for Sorbic Acid/Sorbates, Benzoic Acid/Benzoates, Acetic Acid/Acetates and Propionic Acid/Propionates (includes corresponding Graph/Chart)
Acetaldehyde Usage in Butanediol Production Bode Well for the Market
Major Challenges Hampering Acetaldehyde Consumption
Carcinogenicity of Acetaldehyde Raises Risks and Safety Concerns
Sources of Acetaldehyde Exposure
Associated Health Risks Hampers Usage in Food & Beverage
Regulations for Ensuring Safety of Foods & Beverages
Table 4: Permitted Acetaldehyde Concentration in Various Food and Beverages Categories

3. PRODUCT OVERVIEW
Acetaldehyde: Definition
Major End-use Segments
Acetate Esters
Pentaerythritol
Pyridine
Others
1,3-Butylene Glycol
Crotonaldehyde
Glyoxal
History
Properties of Acetaldehyde
Manufacturing Process
Production
Regulations
New Emission Standards from EPA

4. FOCUS ON SELECT GLOBAL PLAYERS
Ashok Alco chem Limited (India)
Celanese Corporation (US)
Eastman Chemical Company (US)
Jubilant Life Sciences Limited (India)
Laxmi Organic Industries (India)
LCY GROUP (Taiwan)
Lonza Group Ltd. (Switzerland)
Naran Lala Pvt. Ltd. (India)
SEKAB (Sweden)
Showa Denko K.K. (Japan)
Sumitomo Chemical Co., Ltd. (Japan)

5. GLOBAL MARKET PERSPECTIVE
Table 5: World Recent Past, Current & Future Analysis for Acetaldehyde by Geographic Region
US, Canada, Japan, Europe, China, Asia-Pacific (excluding China & Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 6: World Historic Review for Acetaldehyde by Geographic Region
US, Canada, Japan, Europe, China, Asia-Pacific (excluding China & Japan), Middle East & Africa and Latin America Markets Independently Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 7: World 14-Year Perspective for Acetaldehyde by Geographic Region
Percentage Breakdown of Consumption Volume for US, Canada, Japan, Europe, China, Asia-Pacific (excluding China & Japan), Middle East & Africa and Latin America Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

Analytics by End-Use Segment
Table 8: World Recent Past, Current & Future Analysis for Acetaldehyde by End-Use Segment
Acetate Esters, Pentaerythritol, Pyridine & Pyridine Bases, and Others Markets Independently Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 9: World Historic Review for Acetaldehyde by End-Use Segment
Acetate Esters, Pentaerythritol, Pyridine & Pyridine Bases, and Others Markets Independently Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 10: World 14-Year Perspective for Acetaldehyde by End-use Segment
Percentage Breakdown of Consumption Volume for Acetate Esters, Pentaerythritol, Pyridine & Pyridine Bases, and Others Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES
A. Market Analysis
Acetaldehyde Imports/Exports Statistics
Table 11: US Exports of Ethanal (Acetaldehyde) (2014): Percentage Breakdown of Value Exports by Country of Destination (includes corresponding Graph/Chart)
Table 12: US Imports of Ethanal (Acetaldehyde) (2014): Percentage Breakdown of Value Imports by Origin of Country (includes corresponding Graph/Chart)
Select Key Players
B. Market Analytics
Table 13: US Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 14: US Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

2. CANADA
A. Market Analysis
Table 15: Canadian Exports (Volume and Value) of Acetaldehyde for the Years 2011, 2012 and 2013 (Volume in Kilograms) (Value in US$) (includes corresponding Graph/Chart)
B. Market Analytics
Table 16: Canadian Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 17: Canadian Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

3. JAPAN
A. Market Analysis
Table 18: Leading Acetaldehyde Companies in Japan (2014): Percentage Share Breakdown of Volume Sales for KH Neochem, Showa Denko, and Sumitomo Chemical Co. Ltd. (includes corresponding Graph/Chart)
Table 19: Japanese Imports and Exports (Volume and Value) of Acetaldehyde for the Years 2012, 2013 and 2014 (Volume in Kilograms) (Value in US$) (includes corresponding Graph/Chart)
Select Key Players
B. Market Analytics
Table 20: Japanese Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 21: Japanese Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

4. EUROPE
Market Analysis
Table 22: European Recent Past, Current & Future Analysis for Acetaldehyde by Geographic Region/Country
France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 23: European Historic Review for Acetaldehyde by Geographic Region/Country
France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 24: European 14-Year Perspective for Acetaldehyde by Geographic Region/Country Percentage Breakdown of Consumption Volume for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

4a. FRANCE
Market Analysis
Table 25: French Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 26: French Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

4b. GERMANY
Market Analysis
Table 27: German Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 28: German Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

4c. ITALY
Market Analysis
Table 29: Italian Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 30: Italian Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

4d. THE UNITED KINGDOM
Market Analysis
Table 31: UK Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 32: UK Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

4e. SPAIN
Market Analysis
Table 33: Spanish Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 34: Spanish Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

4f. RUSSIA
Market Analysis
Table 35: Russian Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 36: Russian Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

4g. REST OF EUROPE
A. Market Analysis
Select Key Players
B. Market Analytics
Table 37: Rest of Europe Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 38: Rest of Europe Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

5. CHINA
A. Market Analysis
China Powers the Global Acetaldehyde Market
B. Market Analytics
Table 39: Chinese Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 40: Chinese Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

6. ASIA-PACIFIC
A. Market Analysis
Booming Asian Chemical Industry to Benefit Global Acetaldehyde Market
Select Key Players
B. Market Analytics
Table 41: Asia-Pacific (Excluding China & Japan) Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 42: Asia-Pacific (Excluding China & Japan) Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

7. MIDDLE EAST & AFRICA
Market Analysis
Table 43: Middle East & Africa Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 44: Middle East & Africa Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

8. LATIN AMERICA
Market Analysis
Table 45: Latin American Recent Past, Current & Future Analysis for Acetaldehyde by Geographic Region/Country
Brazil and Rest of Latin American Markets Independently Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 46: Latin American Historic Review for Acetaldehyde by Geographic Region/Country
Brazil and Rest of Latin American Markets Independently Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 47: Latin American 14-Year Perspective for Acetaldehyde by Geographic Region/Country
Percentage Breakdown of Consumption Volume for Brazil and Rest of Latin American Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

8a. BRAZIL
Market Analysis
Table 48: Brazilian Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 49: Brazilian Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

8b. REST OF LATIN AMERICA
Market Analysis
Table 50: Rest of Latin American Recent Past, Current & Future Analysis for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 51: Rest of Latin American Historic Review for Acetaldehyde Market Analyzed with Annual Consumption Figures in Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE
Total Companies Profiled: 18
The United States (5)
Japan (2)
Europe (3)
Asia-Pacific (Excluding Japan) (8)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/338561/
Order by Fax - using the form below
Order by Post - print the order form below and send to
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

- Product Name: Acetaldehyde - Global Strategic Business Report
- Web Address: http://www.researchandmarkets.com/reports/338561/
- Office Code: SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td></td>
</tr>
<tr>
<td>Single User</td>
<td>USD 4500</td>
</tr>
<tr>
<td>1 - 5 Users</td>
<td>USD 6300</td>
</tr>
<tr>
<td>1 - 10 Users</td>
<td>USD 8550</td>
</tr>
<tr>
<td>1 - 15 Users</td>
<td>USD 10800</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

- Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
- First Name: ____________________ Last Name: ____________________
- Email Address: * ____________________
- Job Title: ____________________
- Organisation: ____________________
- Address: ____________________
- City: ____________________
- Postal / Zip Code: ____________________
- Country: ____________________
- Phone Number: ____________________
- Fax Number: ____________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:
Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World