

CHEMICAL MARKET ANALYTICS

BY OPIS, A DOW JONES COMPANY



MTBE

Edition: 2022

Anthony Song

Bill Hyde

Remko Koster

William Chen

World Analysis

Contents

| | |
|---|-----------|
| Introduction | 4 |
| Executive Overview | 5 |
| Strategic Insights | 9 |
| Cost Competitiveness | 9 |
| Gasoline Demand and Mobility | 10 |
| Fuel Regulations | 13 |
| Production Process Overview | 15 |
| Introduction | 15 |
| ARCO Process | 16 |
| HUELS Process | 16 |
| UOP Ethermax Process | 17 |
| CDTECH Process | 17 |
| Supply/Demand Forecast Methodology | 19 |

Chemical Market Analytics Customer Service

support@chemicalmarketanalytics.com

North America: +1 888.301.2645 (toll-free within the US)

International: +1 301.284.2000

Disclaimer

The information contained in this report is confidential and proprietary. Any unauthorized use, disclosure, reproduction, or dissemination, in full or in part, in any media or by any means, without the prior written permission of OPIS or any of its affiliates ("OPIS") is strictly prohibited. OPIS or its affiliates own all logos and trade names contained in this report and any use of such logos or trademarks by any third party without permission is strictly prohibited. Any opinions, statements, estimates, and projections in this report are solely those of the individual author(s) at the time of writing. Neither OPIS nor the author(s) has any obligation to update this report in the event that any content, opinion, statement, estimate, or projection (collectively, "information") changes or subsequently becomes inaccurate. OPIS makes no warranty, expressed or implied, as to the accuracy, completeness, or timeliness of any information in this report, and shall not in any way be liable to any recipient for any inaccuracies or omissions. Without limiting the foregoing, OPIS shall have no liability whatsoever to any recipient, whether in contract, in tort (including negligence), under warranty, under statute or otherwise, in respect of any loss or damage suffered by any recipient as a result of or in connection with any information provided, or any course of action determined, by it or any third party, whether or not based on any information provided. The inclusion of a link to an external website by OPIS should not be understood to be an endorsement of that website or the site's owners (or their products/services). OPIS is not responsible for either the content or output of external websites. © 2022 Oil Price Information Service, LLC. All rights reserved and all intellectual property rights are retained by OPIS and its affiliates.