CHEMICAL MARKET ANALYTICS

BY OPIS, A DOW JONES COMPANY

Butylenes

Edition: 2022



Anthony Song Bill Hyde

Remko Koster

William Chen

World Analysis

Contents

Introduction	4
Sources of Butylenes	6
Steam cracking	7
Fluid catalytic cracking	9
Selective hydrogenation of crude C4s	11
Definitions of Butylene Streams	13
Contained Isobutylene	13
Contained Normal Butylenes	14
High Purity Isobutylene	16
Butene-1	16
Supply/Demand Forecast Methodology	18

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 content integring and the accuracy. It has any obligation the province marker and shall not in any way be liable to any content integring and the accuracy. makes no warrang, expressed on implicit, as to the accuracy, compreteness, of infiniteness on any information must report, and small notice any way be induce of any recipient for any, naccuracies or omissions. Without limiting the foregoing, OPIS shall have no liability whatsoever to any recipient, whether in contract, in tort (includ-ing 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 infor-mation 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.

