

DAFTAR PUSTAKA

- Badan Pusat Statistik 2024. *Analisis Komoditas Ekspor, 2019-2023, Sektor Pertanian, Kehutanan, dan Perikanan; Sektor Industri Pengolahan; dan Sektor Pertambangan dan Lainnya*, *bps.go.id*. Tersedia pada: https://www.bps.go.id/id/publication/2024/07/05/6ffc824be8e6f0857ec815a2/analisis-komoditas-ekspor--2019-2023--sektor-pertanian--kehutanan--dan-perikanan-sektor-industri-pengolahan-dan-sektor-pertambangan-dan-lainnya.html?utm_source=chatgpt.com (Diakses: 1 Februari 2026).
- Badan Pusat Statistik 2026. *Data Impor dan Ekspor Etylen*, *bps.go.id*. Tersedia pada: <https://www.bps.go.id/id/exim> (Diakses: 26 Januari 2026).
- Borghet, K. Van Der, Alexopoulos, K., Toch, K., Thybaut, J.W., Marin, G.B. dan Galvita, V. V 2019. First-Principles-Based Simulation of an Industrial Ethanol Dehydration Reactor, *Catalysts*, 9(921), hal. 1–21. <https://doi.org/10.3390/catal9110921>.
- Chemical Safety's 2019. *Safety Data Sheet Dimethyl Ether*, *chemicalsafety.com*. Tersedia pada: <https://chemicalsafety.com/sds-search/> (Diakses: 1 Februari 2026).
- Chemical Safety's 2020a. *Safety Data Sheet Methane*, *chemicalsafety.com*. Tersedia pada: <https://chemicalsafety.com/sds-search/> (Diakses: 1 Februari 2026).
- Chemical Safety's 2020b. *Safety Data Sheet Propane*, *chemicalsafety.com*. Tersedia pada: <https://chemicalsafety.com/sds-search/> (Diakses: 1 Februari 2026).
- Chemical Safety's 2020c. *Safety Data Sheet Propylene*, *chemicalsafety.com*. Tersedia pada: <https://chemicalsafety.com/sds-search/> (Diakses: 1 Februari 2026).
- Chemical Safety's 2021a. *Safety Data Sheet Ethane*, *chemicalsafety.com*. Tersedia pada: <https://chemicalsafety.com/sds-search/> (Diakses: 1 Februari 2026).
- Chemical Safety's 2021b. *Safety Data Sheet Ethylene*, *chemicalsafety.com*. Tersedia pada: <https://chemicalsafety.com/sds-search/> (Diakses: 1 Februari 2026).
- Chen, Y., Kuo, M.J., Lobo, R. dan Ierapetritou, M. 2024. Ethylene production : process design , techno-economic and life-cycle assessments, *Green Chemistry*, 26(5), hal. 2903–2911. <https://doi.org/10.1039/D3GC03858K>.
- Fan, D., Dai, D.-J. dan Wu, H.-S. 2013. Ethylene Formation by Catalytic Dehydration of Ethanol with Industrial Considerations, *Materials*, 6, hal. 101–115. <https://doi.org/10.3390/ma6010101>.
- ICIS Chemical Business 2024. *Daftar Harga Bahan Kimia*, *icis.com*.
- Keil, F.J. 1999. Methanol-to-hydrocarbons : process technology, *Microporous and Mesoporous Materials*, 29, hal. 49–66. [https://doi.org/10.1016/S1387-1811\(98\)00320-5](https://doi.org/10.1016/S1387-1811(98)00320-5).

- Kementerian ESDM 2021. *Dorong Pengembangan Gas, Pemerintah Tawarkan Kemudahan Berusaha*, *esdm.go.id*. Tersedia pada: https://www.esdm.go.id/en/berita-unit/directorate-general-of-oil-and-gas/dorong-pengembangan-gas-pemerintah-tawarkan-kemudahan-berusaha?utm_source=chatgpt.com (Diakses: 23 April 2026).
- Layritz, L.S., Dolganova, I., Finkbeiner, M., Luderer, G., Penteado, A.T., Ueckerdt, F. dan Repke, J.-U. 2021. The potential of direct steam cracker electrification and carbon capture & utilization via oxidative coupling of methane as decarbonization strategies for ethylene production, *Applied Energy*, 296(117049), hal. 1–13. <https://doi.org/10.1016/j.apenergy.2021.117049>. ISSN : 0306-2619.
- Pamungkas, B.W.B., Akbar, F., Rachmaniah, O. dan Meka, W. 2024. Pra-Desain Pabrik Gamma Valerolactone (GVL) dari Limbah Tandan Kosong Kelapa Sawit, *Jurnal Teknik ITS*, 13(1), hal. F19–F25.
- Peters, M.S., Timmerhaus, K.D. dan West, R.E. 2003. *Plant Design and Economics for Chemical Engineers*.
- PT Chandra Asri Pacific Tbk 2017. *Chandra Asri Petrochemical Revamp Pabrik Naphtha Cracker untuk memproduksi 900KTA Ethylene*, *chandra-asri.com*. Tersedia pada: <https://chandra-asri.com/id/news?tab=press-releases&page=1&search=ethylen> (Diakses: 26 Januari 2026).
- PT Chandra Asri Pacific Tbk 2023. *Company Overview*, *emitten-announcement.stockbit.com*.
- Rostami, R.B., Lemraski, A.S., Behbahani, R.M., Ghavipour, M., Shahraki, B.H. dan Hamule, T. 2015. Kinetic modelling of methanol conversion to light olefins process over Silicoaluminophosphate (SAPO-34) Catalyst, *Chemical Engineering Research and Design*, 106, hal. 347–355. <https://doi.org/10.1016/j.cherd.2015.10.019>. ISSN : 0263-8762.
- Speight, J.G. 2002. *CHEMICAL AND PROCESS DESIGN HANDBOOK*.
- Tambunan, A.S., Pramudito, K.A., Sutikno, J.P. dan Anugraha, R.P. 2020. Pra-Desain Pabrik Pembuatan Ethylene dari Sales Gas dengan Teknologi Oxidative Coupling Methane, *Jurnal Teknik ITS*, 9(2), hal. F298–F303. <https://doi.org/10.12962/j23373539.v9i2.56010>. .
- Towler, G. dan Sinnott, R. 2022. *Chemical Engineering Design*.
- Yang, M., Fan, D., Wei, Y., Tian, P. dan Liu, Z. 2019. Recent Progress in Methanol-to-Olefins (MTO) Catalysts, *Advanced Energy Materials*, 31(1902181), hal. 1–15. <https://doi.org/10.1002/adma.201902181>. .
- Zimmermann, H. dan Walzl, R. 2012. *Ullmann's Encyclopedia Of Industrial Chemistry* <https://doi.org/10.1002/14356007.a10>. .