

## DAFTAR PUSTAKA

- Abdul Gani, H. Z., Yanuwiadi, B., & Rachmansyah, A. (2022). Penerapan Metode Activated Sludge dalam Pengolahan Limbah Cair Industri Tahu Beru. *Dinamika Lingkungan Indonesia*, 9(2), 135. <https://doi.org/10.31258/dli.9.2.p.135-143>
- Andersen, L. B., & Wenzel, L. A. (1962). *Introduction to Chemical Engineering*. McGraw-Hill.
- Aries, R. S., & Newton, R. D. (1955). *Chemical engineering cost estimation* (2nd Editio). McGraw-Hill.
- Badan Pusat Statistik. (2023). *Badan Pusat Statistik: Data Impor Cumene di Indonesia*. <https://www.bps.go.id/>
- Bank Indonesia. (2020). *Foreign Exchange Rates*. [https://www.bi.go.id/en/statistik/informasi -kurs/transaksi-bi/Default.aspx](https://www.bi.go.id/en/statistik/informasi-kurs/transaksi-bi/Default.aspx)
- Bokade, V. V., & Kharul, U. K. (2005). *Process for Production of Cumene* (Patent No. PCT/IN2003/000291). World Intellectual Property Organization. <https://patents.google.com/patent/WO2005021469A1/en>
- Kharlampidi, K. E., Nurmurodov, T. S., Ulitin, N. V., Tereshchenko, A., Miroshkin, N. P., Shiyan, D. A., Novikov, N. A., Stoyanov, O. V., Ziyatdinov, N. N., Lapteva, T. V., & Khursan, S. L. (2021). Design of Cumene oxidation process. *Chemical Engineering and Processing - Process Intensification*, 161(January), 108314. <https://doi.org/10.1016/j.cep.2021.108314>
- Kirk-Othmer. (2001). Encyclopedia of Chemical Tehncology. In *Encyclopedia of Chemical Technology vol.7 (Fourth Edition)* (pp. 372–373).
- Linsley, R., & Franzini, J. B. (1979). *Water Resources Engineering* (3rd ed.,I). McGraw-Hill. <https://archive.org/details/waterresourcesen00lins/page/n5/mode/2up>
- Matches. (2014). *Matches' engeneering to chemical energy manufacturing metallurgical industries*. <https://matche.com/>
- Meyers, R. A. (2004). *Handbook of petroleum Refining Process*. McGraw-Hill.

- Nikfar, S., & Behboudi, A. F. (2014). Cumene. *Encyclopedia of Toxicology: Third Edition, 1*, 1082–1085. <https://doi.org/10.1016/B978-0-12-386454-3.00599-6>
- Norouzi, H. R., Hasani, M. A., Haddadi-Sisakht, B., & Mostoufi, N. (2014). Economic design and optimization of zeolite-based Cumene production plant. *Chemical Engineering Communications, 201*(10), 1270–1293. <https://doi.org/10.1080/00986445.2013.806312>
- Pathak, A. S., Agarwal, S., Gera, V., & Kaistha, N. (2011). Design and control of a vapor-phase conventional process and reactive distillation process for Cumene production. *Industrial and Engineering Chemistry Research, 50*(6), 3312–3326. <https://doi.org/10.1021/ie100779k>
- PubChem. (2023). *Cumene*. Pubchem.Ncbi.Nlm.Nih.Gov. <https://pubchem.ncbi.nlm.nih.gov/compound/Cumene#section=2D-Structure>
- Rossing, N. L., Lind, M., Jensen, N., & Jørgensen, S. B. (2010). A functional HAZOP methodology. *Computers and Chemical Engineering, 34*(2), 244–253. <https://doi.org/10.1016/j.compchemeng.2009.06.028>
- Sinnot, R. K. (1999). *Coulson & Richardson's CHEMICAL ENGINEERING* (3 rd). Butterworth-Heinemann - Elsevier Science.
- Solomons, T. W. G., & Fryhle, C. B. (2012). *Organic Chemistry*. John Wiley & Sons Inc. <https://doi.org/10.1007/s13398-014-0173-7.2>
- Srivastava, P., Gupta, A., & Kaistha, N. (2023). Compact process for Cumene manufacture: Synthesis, design and control. *Chemical Engineering Research and Design, 190*, 220–232. <https://doi.org/10.1016/j.cherd.2022.12.026>
- The DOW Chemical Company. (1997). *DOWTHERM A Heat Transfer Fluid - product technical data*. 1–31. <https://www.dow.com/en-us/products/DOWTHERMSyntheticOrganicFluids>
- UNdata. (2023). *ASEAN Cumene Import 2018 - 2022*. Data.Un.Org. [https://data.un.org/Data.aspx?d=ComTrade&f=\\_11Code%3A30%3BcmdCode%3A290270](https://data.un.org/Data.aspx?d=ComTrade&f=_11Code%3A30%3BcmdCode%3A290270)
- Velikov, A., Matisová-Rychlá, L., Broska, R., & Rychly, J. (1999). Inhibited oxidation of

Cumene and polymerization of styrene investigated by solution microcalorimetry. *Journal of Thermal Analysis and Calorimetry*, 57(2), 473–486.

Yaws, C. L. (1999). *Chemical Properties Handbook* (pp. 1–772).