DAFTAR PUSTAKA

Almeida, J. L. G., Dufaux, M., Taarit, Y. Ben, & Naccache, C. (1994). Linear alkylbenzene. *Journal of the American Oil Chemists' Society*, *71*(7), 675–694. https://doi.org/10.1007/BF02541423

Aries, R. S. and Newton, R. D., (1955), *Chemical Engineering Cost Estimation*, pp. 1-16; 52; 77-78; 97-119; 163-164; 177; 185-197;203-209, McGraw-Hill Book Company, Inc., New York.

Brown, G.G. (1950). "*Unit Operations*", John Wiley and Sons, Inc., New York.

BROWNEL, L. E. and YOUNG, E. H. (no date) 'Process Equipment Design by Brownell Young.pdf'.

Evans, F. L. (1974) 'Fired Heaters and Boilers', *Equipment Design Handbook for Refineries and Chemical Plants*, pp. 1–27.

Green, D. W., & Perry, R. H. (2006). Perry's Chemical Engineers' (Zhang, Zhu, *et al.*, 2003)Handbook 8th ed (8th ed.). The McGraw-Hil. https://doi.org/10.1036/0071422943

Haan, A. B., & Bosch, H. (2013). Industrial Separation Processes. In *Industrial Separation Processes*. https://doi.org/10.1515/9783110654806

http://matche.com/equipcost/Default.html , diakses pada tanggal 01 Juni 2022 pukul 16.00 WIB.

http://www.alibaba.com/product-detail.html , diakses pada tanggal 30 Mei 2022 pukul 19.00 WIB.

http://www.mhhe.com/engcs/chemical/peters/data/ce.html , diakses pada tanggal 2 Juni 2022 pukul 16.00 WIB.

http://www.micromarketmonitor.com/market-report/linear-alkylbenzene-reports-7626886421.html diakses 18 November 2021 07.15 WIB

https://chemicalengineeringworld.com/packed-column-versus-tray-column/

https://cilacapkab.bps.go.id/ diakses 16 November 2021, 14.30 WIB

https://comtrade.un.org/data/da diakses 16 November 2021, 23.15 WIB

https://pubchem.ncbi.nlm.nih.gov/compound/1-dodecene diakses 10 Desember 2021

https://pubchem.ncbi.nlm.nih.gov/compound/Benzena diakses 10 Desember 2021

https://pubchem.ncbi.nlm.nih.gov/compound/benzene#section=3D-Conformer diakses 16 November 2021, 21.15 WIB

https://pubchem.ncbi.nlm.nih.gov/compound/dodecane diakses diakses 16 November 2021, 21.25 WIB

https://pubchem.ncbi.nlm.nih.gov/compound/dodecylBenzena diakses 10 Desember 2021

https://uic.co.id/ diakses 17 November 2021, 19.30 WIB

https://www.bps.go.id/subject/8/ekspor-impor.html#subjekViewTab3 diakses 16 November 2021, 23.00 WIB

https://www.chemanalyst.com/industry-report/linear-alkyl-benzene-market-278 diakses 18 November 2021, 05.45 WIB

Kern, D. Q. (1965). *Process Heat Transfer*. McGraw-Hill Book Company. Japan

Kosswig, K. (2005). *"Sulfactants".Ullmann's Encyclopedia of Industrial Chemistry*. Wiley- VCH.

Material Safety Data Sheet

Occupational Safety and Health Act. (2000). *Process Safety Management*. U.S. Department of Labor

P. E. R. Davis, (1982), *Alkylation Of Benzene Compounds With Detergent Range Olefins*, no. 19.

Perry, R. H., & Green, D. W. (2008). *Perry's chemical engineers' handbook*. New York: McGraw-Hill Book Company.

Peters, M. S. and Timmerhaus, K. D., (1991), *Plant Design and Economics for Chemical Engineers*, 4th ed., pp. 150-209; 618-686; 708-713, McGraw-Hill Book Company, Inc., New York.

Professional Supplier Shanghai Kean Linear Alkyl Benzena Sulphonic Acid Labsa Cas27176-87-0 - Buy Linear Alkyl Benzena Sulphonic Acid,Labsa,27176-87-0 Product on Alibaba.com diakses 10 Desember 2021

Sinnott, R. K., (1983). *Coulson & Richardson's Chemical Engineering Series : Chemical Engineering Design*, Chemical Engineering vol. 6 4th ed., Elsevier ButterworthHeinemann, Oxford.

Timmerhaus, K.D., Max S. Peters, and Ronald E. West. (1990). *Plant Design and Economics for Chemical Engineers*, Mc.Graw Hill Book Company Inc., New York

Ulrich, G. D., 1984, *A Guide to Chemical Engineering Process Design and Economics*, pp. 324-329, John Wiley and Sons, Inc., New York.

Vatavuk, William M., (2002), *Updating the CE Plant Cost Index*, www.che.com,

New York

Walas, S. M. (1990). Chemical Process Equipment: Selection and Design. United States of America: Butterworth-Heinemann.

Yadav, G. D. and Doshi, N. S. (2002) 'Synthesis of linear phenyldodecanes by the

alkylation of benzene with 1-dodecene over non-zeolitic catalysts', *Organic Process Research and Development*, 6(3), pp. 263–272. doi: 10.1021/op000044s.

Yaws, C. L. (1999). *Chemical Properties Handbook*. McGRAW-HILL.

Yaws, C. L. (2015) *The Yaws Handbook of Vapor Pressure*, *The Yaws Handbook of Vapor Pressure*. doi: 10.1016/c2014-0-03590-3

Zhang, J., Zhu, Z., *et al.* (2003) 'Characterization and kinetic investigation of tungstophosphoric supported on SiO2 for alkylation of benzene with 1-dodecene to synthesize linear alkylbenzene', *Journal of Molecular Catalysis A: Chemical*, 198(1–2), pp. 359–367. doi: 10.1016/S1381-1169(03)00004-9.

Zhang, J., Chen, B., *et al.* (2003) 'Kinetics of benzene alkylation with 1-dodecene over a supported tungstophosphoric acid catalyst', *Applied Catalysis A: General*, 249(1), pp. 27–34. doi: 10.1016/S0926-860X(03)00206-0.