

DAFTAR PUSTAKA

- Alfs, H., Boexkes, W., & Vangermain, E. (1984). *Process for the production of p-tert-octyl phenol by catalytic alkylation of phenol* (U.S. Patent No. 4,461,916). United States Patent Office.
- Alibaba. (n.d.). *Amberlyst-35 ion exchange resin price*. Diakses dari <https://www.alibaba.com/> pada 16 Februari 2025
- Alibaba. (n.d.). *Diisobutylene chemical price*. Diakses dari <https://www.alibaba.com/> pada 16 Februari 2025
- Alibaba. (n.d.). *Phenol bulk industrial price*. Diakses dari <https://www.alibaba.com/> pada 16 Februari 2025
- Alibaba. (n.d.). *Octylphenol and derivatives price*. Diakses dari <https://www.alibaba.com/> pada 16 Februari 2025
- Aries, R. S., & Newton, R. D. (1955). *Chemical Engineering Cost Estimation*. McGraw-Hill Companies Inc., New York, pp. 1–206.
- Badan Pusat Statistik. (2020–2024). *Data Impor Octylphenol*. Diakses dari <https://www.bps.go.id/> pada 28 April 2026.
- Brown, G. G. (1978). *Unit Operation* (Modern Asia Edition). John Wiley and Sons, Inc., New York, pp. 140–142.
- Brownell, L. E. & Young, E. H., (1959). *Process Equipment Design*. New York : John Willey & Sons, pg. 43-342.
- ChemicalBook. (2023). *Safety Data Sheet (SDS) Diisobutylene*. Diakses dari <https://www.chemicalbook.com> pada 26 April 2026
- Coulson, J. M., & Richardson, J. F. (2005). *Chemical Engineering* (Vol. 6). Pergamon International Library, New York, pp. 42–478.

- Fogler, H. S. (2006). *Elements of Chemical Reaction Engineering*. 4th edition, Prentice-Hall International, Inc, Amerika, pg. 10-137.
- Gael D. Ulrich. (1984). *A Guide to Chemical Engineering Process Design and Economics*. John Wiley and Sons. New York. pg. 329
- Holman, J. P. (1988). *Perpindahan Kalor*. 6 ed. E. Jasfi, Penerjemah. Jakarta : Erlangga.
- Kern, D. Q. (1950). *Process Heat Transfer*. McGraw-Hill Companies Inc., New York, pp. 53–844.
- Kister, H. Z., (1991). *Distillation Operations*. Mc Graw Hill. New York. pg. 83-93
- Krymkin, N. Y., Shakun, V. A., Nesterova, T. N., Naumkin, P. V., & Shuraev, M. V. (2016). *Theory and practice of alkyl phenol synthesis: Tert-Octylphenols. Industrial & Engineering Chemistry Research*, 55(29), 7941–7950.
- Ludwig, E. E. (1999). *Applied Design for Chemical and Petrochemical Plants*. Gulf Publishing Co., Texas.
- Matche. (2018). *Equipment Cost*. Diakses dari <http://www.matche.com/> pada 6 Januari 2026
- McCabe, W. L., Smith, J. C., and Harriott, P., 1993, *Unit Operations of Chemical Engineering*, 5th ed., McGraw-Hill Book Co., Singapore.
- Mc Ketta, j. j. and Cunningham, W. A., (1975). *Encyclopedia of Chemical Processing and Design*. Vol 1, Marcel Decker inc., New York. pg. 114-142
- Merck KGaA. (2024). *Phenol – Safety Data Sheet (SDS)*. Diakses dari <https://www.merckgroup.com> pada 26 April 2026
- Merck (Aldrich). (2023). *4-tert-Octylphenol – Safety Data Sheet (SDS)*. Diakses dari <https://www.sigmaaldrich.com> pada 26 April 2026

- Meyers, R., (1996), *Handbook of Petroleum Refining Process*, 2nd ed, New York: McGraw Hill
- Permenkes. (2002). *Peraturan Menteri Kesehatan No. 2/Menkes/SK/VII/2002 Tentang syarat-syarat dan Pengawasan Kualitas Air Minum.*
- Permenkes. (2010). *Peraturan Menteri Kesehatan No. 492/Menkes/PER/IV/2010 Tentang syarat-syarat dan Kualitas air Rumah tangga*
- Perry, R. H., & Green, D. W. (1999). *Perry's Chemical Engineers' Handbook*. McGraw-Hill Companies Inc., New York, pp. 68–459.
- Peters, M. S., & Timmerhaus, K. D. (1991). *Plant Design and Economics for Chemical Engineers* (4th ed.). McGraw-Hill Companies Inc., New York, pp. 37–554.
- Powel, S. T., (1954). *Water Conditioning for Industry*. Mc Graw-Hill Book Co., Inc., New York
- Rasen, H. F. (1977). *Chemical Reactor Design* (Vol. 1). John Wiley and Sons, New York, pp. 345–354.
- Setiadi, T. (2007). *Pengolahan dan Penyediaan Air : Diktat Kuliah TK 2206 Sistem Utilitas I*. Institut Teknologi Bandung, Fakultas Teknik Industri, Program Studi Teknik Kimia
- Sigma, Aldrich. (2025). *Safety data sheet: Amberlyst-36* (Product No. 436712, Version 6.6, Revision date: April 24, 2025).
- Silla, H. (2003). *Chemical Process Engineering: Design and Economics*. Marcel Dekker Inc., New York, pp. 383–783.
- Smith, R. (2001). *Chemical Process Design and Integration* (2nd ed.). McGraw-Hill Companies Inc., New York, pp. 231.
- Treybal, R. E. (1981). *Mass Transfer Operations* (3rd ed.). McGraw-Hill Companies Inc., New York, pp. 232.

Towler, G., Ray Sinnott. (2008). *Chemical Engineering Design*. Elsevier. San Diego. pg. 180-730

United Nations Statistics Division. (n.d.). *United Nations Commodity Trade Statistics Database (UN Comtrade)*. Diakses dari <https://comtrade.un.org/> pada 28 April 2026

Wallas, S. M., (1990). *Chemical Process Equipment Selection and Design*. Mc Graw-Hill Companies Inc., New York

White, F. M., (2003). *Fluid Mechanics*. 4th Ed. Mc Graw Hill, University Rhode Island. pg. 371

Winkle, M. V., (1967). *Distillation*. Mc Graw Hill Book Company Inc., New York

Yaws, C. L. (1999). *Chemical Properties Handbook*. McGraw-Hill Companies Inc., New York, pp. 56–478.

