

## DAFTAR PUSTAKA

- Alamsyah, Andi Nur. 2006. Biodiesel Jarak Pagar. Bogor: PT. Agromedia Pustaka.
- Aries, R.S., and Newton, R.D. 1955. Chemical Engineering Cost Estimation. Mc Graw Hill Handbook Co. Inc., New York 227
- Austin, G.T. 1984. Shreve's Chemical Process Industries, 5th ed. Mc Graw Hill Book Co., Inc. New York
- Badan Pusat Statistik. 2020. Statistic Indonesia. [www.bps.go.id](http://www.bps.go.id). Diakses pada Tanggal 25 Februari 2023 Pukul 14.30 WIB
- Badan Standardisasi Nasional, B. (2006). SNI 04-7182-2006. Jakarta: Badan Standardisasi Nasional.
- Berchmans, H.J. and Hirata, S., (2008), "Biodiesel Production from Crude *Jatropha Curcas* L. Seed Oil With A High Content Of Free Fatty Acids", *Bioresour. Technol.*, 99, hal. 1716–1721.
- Brown, G.G. 1978. Unit Operations. John Wiley and Sons Inc. New York  
Brownell, L.E. and Young, E.H. 1979. Process Equipment Design. John Wiley and Sons Inc. New York.
- Coulson, J. M. and Richardson, J. F. 1983. Chemical Engineering, 1st edition, Volume 6. Pergason Press. Oxford.
- Coulson, J.J and Richardson, J.F, 1983, "Chemical Equipment Design", John Wiley and Sons.Inc, New York.
- Demirbas A., (2003), "Biodiesel fuels from vegetable oils via catalytic and non-catalytic supercritical alcohol transesterifications and other methods: a survey", *Energy Convers. Manage.*, 44, hal. 2093–109.
- Demirbas, A., 2009, Progress and Recent Trends in Biodiesel Fuels, *Energy Conversion and Management*, 50(1), 14-34.
- Energi, H. E. (2020, Desember). *Energi Terbarukan Dan Konservasi Energi*. Retrieved from 20 Badan Usaha BBN Akan Salurkan Biodiesel 9,2 Juta KL di 2021.

FOGLER, S, 1992, Element of Chemical Reaction Engineering, 3 ed., John Wiley and Sons, New York.

Glibalindo, p. (2023, 5 24). *supplier bahan kimia murah*. Retrieved from distribusi produk pt.gochem glibalindo: [https://gochem.co.id/caustic-soda-flake-naoh.php?produk=Caustic%20Soda%20Flake%20\(NaOH\)](https://gochem.co.id/caustic-soda-flake-naoh.php?produk=Caustic%20Soda%20Flake%20(NaOH))

Hambali, E., A.Suryani, Dadang, Hariyadi, H. Hanafie, I. K. Reksowardjojo, M.Rivai, M. Ihsanur, P. Suryadarma, T. Prawitasari, T. Prakoso, W.Purnama. 2006. Jarak Pagar Tanaman Penghasil Biodesel. Penebar Swadaya. Jakarta. 132 hal

Humas Direktur Jenderal Energi Baru, T. d. (2020, Desember 22). *Direktur Jenderal Energi Baru, Terbarukan, dan Konservasi Energi (EBTKE)*. Retrieved from 20 Badan Usaha BBN Akan Salurkan Biodiesel 9,2 Juta KL di 2021: <https://ebtke.esdm.go.id/post/2020/12/22/2745/20.badan.usaha.bbn.akan.salurkan.biodiesel.92.juta.kl.di.2021>

Kern, D.Q., 1983, Process Heat Transfer, Mc Graw Hill Book Co., Inc., New York

Kirk, R. E., and Othmer D. F. 1998. Encyclopedia of Chemical Technology, 4th ed. The Interscience Encyclopedia Inc. New York.

Knothe, 2002. Standar SNI biodiesel.

Legowo et al, 2001. Karakteristik biodiesel secara umum.

Legowo, E.H. (2008). Kebijakan dan Program Pengembangan Bahan Bakar Nabati. Workshop on Dissemination Biofuels Development. Kementerian ESDM.

Matche. 2020. equipment cost. <http://www.matche.com/>. Diakses pada tanggal 11 November 2023 pukul 21.45 WIB

Mc Cabe, Smith, J.C., and Harriot, 1985, Unit Operation of Chemical Engineering, 4th ed., Mc Graw Hill Book Co., Inc., New York



- Perry, R. H., and Green, D. W. 2008. *Perry's Chemical Engineers*, 7th ed. McGraw Hill Companies Inc. USA.
- Peters, M., Timmerhause, K., dan West, R. 2003. *Plant Design and Economics for Chemical engineers*. McGraw Hill. New York.
- R.K.Sinnot. 1983. *An Introduction to Chemical Engineering Design*. Pergamon Press. Oxford.
- Rase, H.F., and Barrow, M.H., 1957, *Project Engineering of Process Plants*, Wiley, Inc., New York
- Susilo, Bambang. (2006). "Biodiesel; Pemanfaatan Biji Jarak Pagar Sebagai Alternatif Bahan Bakar". Trubus Agrsarana, Surabaya.
- Syah. (2006). "Biodiesel Jarak Pagak; Bahan Bakar Alternatif yang Ramah Lingkungan". Argomedia Pustaka, Jakarta
- Tiwari, A.K., Kumar, A., and Raheman, H., (2007), "Biodiesel Production from *Jatropha Oil*(*Jatropha curcas*) with High Free Fatty Acids: An Optimized Process", *Biomass and Bioenergy*, 31, hal. 569–575.
- Treyball, R.E., 1981, "Mass Transfer Operation", 3 ed., Mc. Graw Hill Book Company, Inc., Singapore.
- Van Gerpen, J., 2005, *Biodiesel Processing and Production*, *Fuel Processing Technology*, 86(10), 1097-1107.
- Wahyudin, A. H. (2018). Tinjauan Perkembangan Proses Katalitik Heterogen dan Non-Katalitik. *Jurnal Keteknikan Pertanian*, 126.
- Wallas, S.M. *Chemical Process Equipment*. Mc. Graw Hill Book Koagakusha Company. Tokyo
- [www.labchem.com](http://www.labchem.com) diakses pada 11 Agustus 2023
- Yaws, C.L. 1999. *Chemical Properties Handbook*. Mc Graw Hill Handbooks. New York.
- Zhang, Y. D. (2003). *Biodiesel Production from Waste Cooking Oil. Process Design and Technological* , 1-16.

Zhang, Y., Dubé, M.A., McLean, D.D., & Kates, M., 2003, Biodiesel Production from Waste Cooking Oil: 1. Process Design and Technological Assessment, *Bioresource Technology*, 89, 1-16.