



PRA RENCANA PABRIK

“ASAM FENIL ASETAT DARI BENZIL SIANIDA DAN ASAM SULFAT SERTA AIR DENGAN PROSES HIDROLISIS”

DAFTAR PUSTAKA

- American Petroleum Institute (2012) *API 650 Welded Steel Tanks for Oil Storage*. Washington D. C.: American Petroleum Institute. Available at: <https://law.resource.org/pub/us/cfr/ibr/002/api.650.2007.pdf>.
- Association, C.G. (1999) *Handbook of Compressed Gasses*. 4th edn. New York: Springer Science+Business Media. Available at: <https://doi.org/10.1201/b15019-9>.
- AWWA (2010) *Water Treatment*. 4th edn. USA: AWWA.
- Barrocas, V. *et al.* (1980) ‘Process for preparing ethene’, *US patent*. Available at: <https://patents.google.com/patent/US4232179A/en>.
- Barrocas, V. *et al.* (1983) ‘PROCESS FOR DEHYDRATION OF A LOW MOLECULAR WEIGHT ALCOHOL’. Available at: <https://patentimages.storage.googleapis.com/35/3a/09/9813e504ad5213/US4396789.pdf>.
- BPS (2024) *Kebutuhan Ekspor-Impor Ethylene Tahun 2019-2023*. Available at: <https://www.bps.go.id/id/exim> (Accessed: 1 March 2024).
- Brownell, L.E. and Young, E.H. (1959) *Process Equipment Design Vessel Design*. New Delhi: Wiley Eastern Limited.
- CEPCI (2024) *Annual index*. Available at: <http://www.chemengonline.com/pci-home> (Accessed: 1 November 2024).
- Chopey, N. (2004) *Handbook of Chemical Engineering Calculations*. New York: McGraw-Hill Book Company.
- Coker, A.K. (2007) *Ludwig's Applied Process Design for Chemical and Petrochemical Plants*. Oxford: Elsevier Ltd. Available at: http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regsciurbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM_PEMBETUNGAN_TERPUSAT_STRATEGI_MELESTARI.
- Coulson (2005) *Chemical Engineering Design*. New York: Elsevier Inc.



PRA RENCANA PABRIK

“ASAM FENIL ASETAT DARI BENZIL SIANIDA DAN ASAM SULFAT SERTA AIR DENGAN PROSES HIDROLISIS”

- Davis, M.L. (2010) *Water and Wastewater Engineering Design Principles and Practise, Sustainability (Switzerland)*. New York: McGraw-Hill Book Company. Available at: http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regs-ciurbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM_PEMBETUNGAN_TERPUSAT_STRATEGI_MELESTARI.
- Dow (2024) *Product Data Sheet DOWEX™ MARATHON™ A Resin Uniform Particle Size , High Capacity , Strong Base Anion Exchange Resin For Potable and Industrial Demineralization Applications Description DOWEX™ MARATHON™ A Anion Exchange Resin is specifically designed*.
- DYNALENE (2024) *Calcium Chloride Series Brines: Properties of Calcium Chloride Brines*.
- Erowid. (2005). *Sintesis Asam Fenilasetat*.
- Faith, W., Keyes, D., and Clark, R.. (1957) *Industrial Chemical*. 2nd edn. London: John Wiley & Sons, Inc.
- Geankoplis, C.J., Hersel, A.A. and Lepek, D.H. (2018) *Transport Processes and Separation Process Principles*. 5th edn. New York: Pearson Education International.
- Geotech (2013) *Soil Void Ratio*. Available at: <https://www.geotesting.info/parameter/void-ratio.html> (Accessed: 1 November 2024).
- Giampaolo, T. (2010) *Compressor Handbook: Principles and Practise, Sustainability (Switzerland)*. New York: CRC Press. Available at: http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regs-ciurbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM_PEMBETUNGAN_TERPUSAT_STRATEGI_MELESTARI.
- Himmelblau, D.M. and Riigs, J.D. (2012) *Basic Principle and Calculation in*



PRA RENCANA PABRIK

“ASAM FENIL ASETAT DARI BENZIL SIANIDA DAN ASAM SULFAT SERTA AIR DENGAN PROSES HIDROLISIS”

- Chemical engineering*. 8th edn. New York: Prentice Hall.
- Himmelblau, D.M. and Riggs, J.B. (1996) *Basic principles and calculations in chemical engineering*. 7th edn. New Jersey: Prentice-Hall International. Inc.
- Himmelblau, D.M. and Riggs, J.B. (2022) *Basic principles and calculations in chemical engineering*. 9th edn. New Jersey: Pearson Education International.
- Howe, K.J. (2012) *Principles of Water Treatment*. New Jersey: John Wiley & Sons, Inc.
- Joshi, M. V. (1976) *Process Equipment Design*. New Delhi: The Macmillan Company.
- Kemenperin, T. (2024) *Kapasitas Produksi*. Available at: <https://tkdn.kemenperin.go.id/> (Accessed: 3 April 2024).
- Kementerian Kesehatan (2023) ‘Permenkes No. 2 Tahun 2023’, *Kemenkes Republik Indonesia*, (55), pp. 1–175.
- Kern, D.Q. (1965) *Procces Heat Transfer*. Tokyo: McGraw-Hill Book Company.
- Kirk, R.. and Othmer, D.F. (1985) *Encyclopedia Chemical Technology*. 4th edn. Edited by Watcher. New York: Interscience Willey.
- Kusnarjo (2010a) ‘Desain Bejana Bertekanan’. Surabaya: ITS Press.
- Kusnarjo (2010b) *Desain Pabrik Kimia*. Surabaya: Institut Teknologi Sepuluh November.
- Lenntech (2024) *DOWEX MARATHON C A Uniform Particle Size, High Capacity Cation Exchange Resin for Softening and Demineralization Applications Product Type Matrix Functional group DOWEX* MARATHON* C Strong acid cation Styrene-DVB, gel Sulfonic acid Guaranteed Sales Specif*. Available at: <http://www.lenntech.com>.
- Maps, G. (2024) *Analisis Jarak Tempuh dan Waktu Tempuh*. Available at: <https://www.googlemaps.com> (Accessed: 1 July 2024).
- Mc.Cabe, W.L., Smith, J.C. and Harriot, P. (2005) *Unit Operation of Chemical Engineering*. New York: McGraw-Hill Book Company.
- MSDS (2018) *Material Safety Data Sheet(MSDS) of Ethylene*. Pennsylvania: Airgas an Air Liquids Company. Available at:



PRA RENCANA PABRIK

“ASAM FENIL ASETAT DARI BENZIL SIANIDA DAN ASAM SULFAT SERTA AIR DENGAN PROSES HIDROLISIS”

- <https://shrinkwrapcontainments.com/Images/media/SDS Shrink Film.pdf>.
MSDS (2024) *Material Safety Data Sheet (MSDS) of Ethanol*. Darmstadt: Merck KgaA.
- Oktaviana, A. (2022) *Kualitas Muara Sungai Kalimireng*. Surabaya: Green Book.
- Peraturan Pemerintah No. 22 Tahun 2021 (2021) ‘Lampiran VI tentang Baku Mutu Air Nasional - PP Nomor 22 Tahun 2021 Tentang Penyelenggaraan Perlindungan dan Pengelolaan Lingkungan Hidup’, *Sekretariat Negara Republik Indonesia*, 1(078487A), p. 483. Available at: <http://www.jdih.setjen.kemendagri.go.id/>.
- Perry, R.. (2008) *PERRY'S CHEMICAL ENGINEERS' HANDBOOK*. 8th edn. Edited by D.W. Green. New York: The McGraw Hill Companies.
- Perry, R.. (2019) *Perry's Chemical Engineers' Handbook*. 9th edn. Edited by D.W. Green. New York: McGraw-Hill Education.
- Peter, M.S., Timmerhaus, K.D. and West, B.E. (2003) *Plant Design and Economics for Chemical Engineers, Sustainability (Switzerland)*. Boston: McGraw-Hill Education. Available at: http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regs-ciurbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM_PEMBETUNGAN_TERPUSAT_STRATEGI_MELESTARI.
- Seader W.D.; Lewin, D.R.; Boulle, L.; Rycroft, A., J.D.. S. (2006) *Separation Process Principles*. 2nd edn. New York: John Wiley & Sons, Inc.
- Severns, W.H. and Degler, H.E.M.E. (1939) *Steam, Air, and Gas Power*. 3rd edn. New York: John Wiley & Sons, Inc.
- Silla, H. (2003) *Chemical Process Engineering Design and Economics*. New York: Marcel Dekker, Inc. Available at: <https://doi.org/10.1201/9780203912454.ch6>.
- Simo, M., Brown, C.J. and Hlavacek, V. (2008) ‘Simulation of pressure swing adsorption in fuel ethanol production process’, *Computers and Chemical Engineering*, 32(7), pp. 1635–1649. Available at:



PRA RENCANA PABRIK

“ASAM FENIL ASETAT DARI BENZIL SIANIDA DAN ASAM SULFAT SERTA AIR DENGAN PROSES HIDROLISIS”

<https://doi.org/10.1016/j.compchemeng.2007.07.011>.

Sinnot, R. and Towler, G. (2022) *Chemical Engineering Design, Chemical Engineering Design*. Cambridge: Elsevier Ltd. Available at: <https://doi.org/10.1016/c2019-0-02025-0>.

Smith, J.M. (2018) *Introduction to chemical engineering thermodynamics*. 8th edn. McGraw-Hill Education. Available at: <https://doi.org/10.1021/ed027p584.3>.

Smith, R. (2005) *Chemical Process Design and Integration*, John Wiley & Sons, Ltd.

Suerz, R. (2019) ‘Catalytic ethanol dehydration to ethylene in microreactor’.

Ullman, F. (1986) *Encyclopedia of Industrial Chemistry*. 5th edn. Weinheim: WILEY-VCH Verlagsgesellschaft.

Ulrich Gael D. (1984) *A Guide to Chemical Engineering Process Design and Economics*. New York: John Wiley & Sons, Inc.

Water New Zealand (2016) *Supply of aluminium sulphate for use in water treatment*. New Zealand: Water New Zealand.

Wells, G.M. (2018) *Handbook of Petrochemicals and Processes*. New York: Routledge.

Wilcox, E. (no date) ‘Practical Methods for Field Performance Testing Centrifugal Compressors’, *Proceeding of the 28th Turbomachinery Symposium* [Preprint].

Van Winkle, M. (1967) ‘Distillation’. New Jersey: McGraw-Hill Book Company.

WITS (2023) *Ethers; acyclic, and their halogenated, sulphonated, nitrated or nitrosated derivatives, diethyl ether exports by country*. Available at: <https://wits.worldbank.org/trade/comtrade/en/country/ALL/year/2022/trade/flow/Exports/partner/WLD/product/290911> (Accessed: 2 March 2024).

Xieta (2024) *Alumina Balls for Catalyst Support, Petrochemical and Fertilizer Industries* Xieta - 99. Available at: <https://www.xieta.com/index.php/en/products/alumina-balls-xieta-99> (Accessed: 10 June 2024).

Yaws, C.L. (1999) ‘Chemical Properties Handbook’. New York: McGraw-Hill



PRA RENCANA PABRIK

“ASAM FENIL ASETAT DARI BENZIL SIANIDA DAN ASAM SULFAT SERTA AIR DENGAN PROSES HIDROLISIS”

Book Company.

Yaws, C.L. (2015) *The Yaws Handbook of Vapor Pressure*. 2nd edn, *The Yaws Handbook of Vapor Pressure*. 2nd edn. Amsterdam: Elsevier Ltd. Available at: <https://doi.org/10.1016/c2014-0-03590-3>.