



## DAFTAR PUSTAKA

- Aries, R. S. dan Newton, R. D. (1955) *Chemical Engineering Cost estimation, Journal of Chemical Education*. New York: McGraw Hill. doi: 10.1021/ed033p194.1.
- Alibaba, 2021, <http://alibaba.com>, diakses pada 17 Mei 2021
- Badan Pusat Statistik Kabupaten Indramayu. (2018). *KABUPATEN INDRAMAYU DALAM ANGKA 2018*. Badan Pusat Statistik.
- Badan Pusat Statistik Kabupaten Indramayu. (2019). *Kabupaten Indramayu Dalam Angka 2019*. Badan Pusat Statistik.
- Bank Indonesia, 2021, [https://www.bi.go.id/id/publikasi/ruang-media/newsrelease/Pages/sp\\_234221.aspx](https://www.bi.go.id/id/publikasi/ruang-media/newsrelease/Pages/sp_234221.aspx), diakses pada 23 Mei 2021.
- Brown, G. G. (1978). *Unit Operations* (Modern Asi). Charles Tottle Co.
- Brown, W., Foote, C., Inverson, B., & Anslyn, E. (2011). *Organik Chemistry* (11th ed.). John Wiley & Sons.
- Brownell, L. E., & Young, E. H. (1959). *Process Equipment Design*. John Wiley & Sons.
- Burrige, E. (2009). *Chemical Profile: 2-ethylhexanol*. Independent Commodity Intelligence Services. <https://www.icis.com/explore/resources/news/2009/07/20/9233154/chemical-profile-2-ethylhexanol/>
- Clark, J. (2015). *Making Aldehydes and Ketones*. Chemguide. <https://www.chemguide.co.uk/organicprops/carbonyls/preparation.html>
- Coulson, J. M., Backhurst, J. R., & Harker, J. H. (2001). Coulson & Richardson's Chemical Engineering. In *Butterworth Heinemann* (Volume 1). Butterworth Heinemann. <https://doi.org/10.1016/b978-0-08-049422-7.50006-7>
- Coulson, J.M. dan Richardson, J.F., 1999, "*Fluid Flow, Heat Transfer and Mass Transfer*", The Bath Press., London.
- Couper, J.R., and Walas, S.T., 2005, "*Chemical Process Equipment Selection and Design*", Gulf Professional Publishing, New York.
- Crowl, D. A. and Louvar, J. F. (2002) *Chemical Process Safety Fundamentals with Applications 2nd Ed.* 2nd Edition. Prentice Hall. doi: 10.1021/op3003322.
- Donovan, M. (2017). *Chemical Profile: US 2-Ethylhexanol*. Independent Commodity Intelligence Services. [icis.com/explore/resources/news/2014/04/21/9772839/chemical-profile-us-2-ethylhexanol/](https://www.icis.com/explore/resources/news/2014/04/21/9772839/chemical-profile-us-2-ethylhexanol/)
- El Ali, B., & Tijani, J. (2004). OXO process: Applications, catalytic activity and recycling. *King Fahd University of Petroleum and Minerals, Research Institute - Annual Catalysts*



- Gillespie, C. (2018). *How to Convert an Alkane to Alkene*. SCIENCING.  
<https://sciencing.com/convert-alkane-alkene-5178197.html>
- Investor Daily. (2016). *Banyak Industri Mamin 100% Andalkan Bahan Baku Impor*.  
Kementerian Perindustrian RI. <https://kemenperin.go.id/artikel/14324/Banyak-Industri-Mamin-100-Andalkan-Bahan-Baku-Impor>
- Kementerian Perindustrian RI. (2009). *Pemasok 90% Bahan Baku Dunia, Tapi RI Masih Impor Parfum*. <https://kemenperin.go.id/artikel/1921/pemasok-90-bahan-baku-dunia,-Tapi-RI>
- Kementerian Perindustrian RI. (2012). *Industri Makanan Optimistis Tumbuh*.  
<https://www.kemenperin.go.id/artikel/4673/Industri-Makanan-Optimistis-Tumbuh>
- Kementerian Perindustrian RI. (2020). *Sepanjang 2019, Sektor Industri Unggulan Tumbuh Melesat*.  
<https://kemenperin.go.id/artikel/21492/Sepanjang-2019,-Sektor-Industri-Unggulan-Tumbuh-Melesat#:~:text=Secara kumulatif%252C pertumbuhan ekonomi Indonesia,%252C02%2525 dibandingkan tahun 2018.&text=Agus optimistis dengan target pertumbuhan,pertumbuhan hingga 5%25>
- Kern, D.G. 1950, “*Process Heat Transfer*,” Mc. Graw Hill Kogakusha Ltd., Tokyo
- Kirk, R.E. and Othmer, D.F., 1951, “*Encyclopedia of Chemical Technology*”, Interscience Encyclopedia, Inc., New York.
- Kohlpaintner, C. (1999). *Aldehydes, Aliphatic. Ullmann’s Encyclopedia of Industrial Chemistry* (7th ed.). John Wiley & Sons.
- Larranaga, M. D., Lewis, R. J., & Lewis, R. A. (2016). *Hawley’s Condensed Chemical Dictionary* (16th ed.). John Wiley & Sons.
- Levenspiel, O. (1999). *Chemical Reaction Engineering* (3rd ed., Vol. 35, Issue 9). John Wiley & Sons. [https://doi.org/10.1016/0009-2509\(80\)80138-2](https://doi.org/10.1016/0009-2509(80)80138-2)
- Luyben, M. L. and Luyben, W. L. (1997) ‘Essentials of Process Control McGraw-Hill Chemical Engineering Series’, *Essentials of Process Control*, p. 584.
- MarketsandMarkets. (2018). *2-Ethylhexanol Market (2-EH) by Applications (Plasticizers, 2-EH Acrylate, 2-EH Nitrate, and Others) & Geography - Trends and Forecasts to 2018*.  
<https://www.marketsandmarkets.com/Market-Reports/2-ethylhexanol-market-152484808.html>
- Matches, 2014, <http://www.matche.com/equipcost/EquipmentIndex.html>, diakses pada 19 Mei 2021.
- Material Safety Data Sheet.*



McGraw-Hill Higher Ed, 2002, <http://www.mhhe.com/engcs/chemical/peters/data/ce.html>, diakses pada 20 Mei 2021.

Merchant Research & Consulting ltd. (2017). *Asia Dominates 2-Ethylhexanol (2-EH) Market*.  
<https://mcgroup.co.uk/news/20170906/asia-dominates-2-ethylhexanol-2-eh-market.html>

National Center for Biotechnology Information. (2020). *PubChem Compound Summary for CID 454, Octanal*. <https://pubchem.ncbi.nlm.nih.gov/compound/Octanal>

O' Neil, M. J. (2013). *The Merck Index - An Encyclopedia of Chemicals, Drugs, and Biologicals*. Royal Society of Chemistry.

*Occupational Safety and Health Act*. 2000. "Process Safety Management". Department of Labor, Washington D.C.

Otera, J., Kibayashi, C., Yamazaki, N., Yamada, H., Yamashita, M., Luh, T.-Y., Leung, M. - k., Takeda, T., Tsubouchi, A., Nakata, M., Ogura, K., Firouzabadi, H., Iranpoor, N., Murai, T., Yoshimatsu, M., & Ogura, K. (2007). Synthesis of Aldehydes. *Acetals: O/N, S/S, S/N, and N/N and Higher Heteroatom Analogues, I*, 1. <https://doi.org/10.1055/sos-sd-030-00364>

Peraturan Menteri Negara Lingkungan Hidup No. 03 Tahun 2010 tentang Baku Mutu Air Limbah bagi Kawasan Industri

Perry, et all, 1984, " *Perry's Chemical Engineering Hand Book*", 6th ed., Mc Graw Hill Kogakusha Ltd., London.

Perry, R.H., 2008, "*Perry's Chemical Engineers' Handbook*", 8 ed., New York, McGraw-Hill Book Company.

Persistence Market Research. (2019). *2-Ethylhexanol Market Revenue is Expected to Surpass US\$ 12 Bn by 2025*. GlobeNewswire. <https://www.globenewswire.com/news-release/2019/07/10/1880821/0/en/2-Ethylhexanol-Market-Revenue-is-Expected-to-Surpass-US-12-Bn-by-2025-PMR.html>

Peters, M. S. and Timmerhaus, K. D. (1994) *Plant Design and Economics for Chemical Engineers*. 4th Edition. McGraw Hill. doi: 10.1017/cbo9780511810534.012.

Plant Cost Index, 2021, <https://www.chemengonline.com/site/plant-cost-index/>, diakses pada 22 Mei 2021.

Powell, S.T., 1954, "Water Conditioning for Industry", 1 ed., Mc Graw-Hill, Inc., Tokyo.

Rase, H. F., dan Barrow, M. H., 1977, "*Chemical Reactor Design for Process Plant*", 1st ed., Mc Graw Hill Book Company, Inc., New York.



- Sinnott, R.K., 1999, "Coulson and Richardson's Chemical Engineering Series, Chemical Engineering Design", Butherworth-Heinemann, London.
- Sinnott, R.K., 2005, "Chemical Engineering Design", 4 ed., Elsevier, Oxford.
- Smith, J. A., & Heights, C. (1979). *United States Patent ( 19 )*.
- Treyball, R.E., 1985, " *Mass Transfer Operations*", 3th ed., Mc Graw Hill Book Co., Singapore.
- Truong, K. N., Weger, L. B., Stahl, W., & Mouhib, H. (2017). Favored Conformations of Carbonyl Compounds: A Structural Study of n-Octanal. *ChemPhysChem*, 18(19), 2631–2636. <https://doi.org/10.1002/cphc.201700341>
- Ulrich, G.D., 1984, *A Guide to Chemical Engineering Process Design and Economics*, John Wiley and Sons, New York.
- World Integrated Trade Solution. (2018). *Indonesia Alcohols; saturated monohydric, octanol (octyl alcohol) and isomers thereof imports by country in 2018*. <https://wits.worldbank.org/trade/comtrade/en/country/IDN/year/2018/tradeflow/Exports/partner/ALL/product/290516>
- Yaws, C. L. (1999). *Chemical Properties Handbook* (2ed ed.). McGraw Hill.
- Yildiz Ünveren, H. H. (2004). Hydroformylation of long chain olefins in microemulsion. *Hydroformylation of Long Chain Olefins in Microemulsion*, 26–31. <http://opus.kobv.de/tuberlin/volltexte/2004/777/>
- Zaragoza Dörwald, F. (2003). Preparation of Aldehydes and Ketones. *Organic Synthesis on Solid Phase*, Vi, 317–324. <https://doi.org/10.1002/3527600884.ch12>