

DAFTAR PUSTAKA

- Aries, R.S. and Newton, R.D., 1954, *Chemical Engineering Cost Estimation*, Mc.Graw Hill Book Company Inc., New York.
- Brown, G. G., Katz, D., Foust, A.S., and Schneidewind, R., 1950, *Unit Operations*, John Wiley and Sons, Tokyo.
- Brownell, L.E and Young, E.H., 1959., "Equipment Design", John Willey & Sons, inc., New York.
- Chami, F., Dermeche, L., Saadi, A., Rabia, C. 2013 . "*Propan-2-ol conversion to diisopropyl ether over (NH₄)_xYPMo₁₂O₄₀ salts with X 5 Sn, Sb, and Bi. The effect of salt preparation pH*". doi : 10.1007/s13203-013-0027-9.
- Coker, A. K., 2007, "Ludwig's Applied Process Design for Chemical and Petrochemical Plants", Volume 1, p.402-442, Oxford, Elsevier.
- Coulson, J.M. and Richardson, J.F., 1983, "*Coulson & Richardson's Chemical Engineering Series*", 4th ed., Elsevier Butterworth-Heinemann, Oxford.
- Eigenberger, G., 1992, "Ullmann's Encyclopedia of Industrial Chemistry", Volume B.4., p.199-236., Stuggart, VCH Publishers, Inc.
- Fogler, H. S., 2004, *Elements of Chemical Reaction Engineering*, 3rd ed., Prentice Hall of India, New Delhi.
- Gas Innovations. 2017. MSDS Propylene dalam <http://www.gasinnovations.com/literature/MSDS-Sheets/MSDS-PROPYLENE.pdf>, diakses tanggal 5 Desember 2017.
- Grodowska, K., Parczewski, A. 2010 . "*Organic Solvents in Pharmaceutical Industry*". Polish Pharmaceutical Society. Poland.
- Hanbury et all. 1976. "Process for Preparing Diisopropyl Ether". US Patent No.693579.
- HKBaijin. 2017. Dipe/ Di-Isopropyl Ether/ Isopropyl Ether/ Diisopropyl Ether Price, dalam <http://hkbaijin.en.made-in-china.com/product/gviJHDXjrScW/China-Dipe-Di-Isopropyl-Ether-Isopropyl-Ether-Diisopropyl-Ether-Price.html>, diakses tanggal 26 November 2017.
- HKBaijin. 2017. Industrial Grade IPA Isopropyl Alcohol, dalam <http://hkbaijin.en.made-in-china.com/product/hXSQWITCZYRN/China-industrial-grade-IPA-Isopropyl-Alcohol.html>, diakses tanggal 26 November 2017.

ICIS. 2005. *Chemical profile* : *isopropanol* dalam

<https://www.icis.com/resources/news/2007/10/22/9071372/chemical-profile-isopropanol/>. Diakses tanggal 5 November 2017.

Immaizumi et all. 1977. "Process for Continously Producing Diisopropyl Ether". US Patent No.689010.

Kern, D.Q., 1965, Process Heat Transfer, McGraw-Hill, Singapore.

Khoury, Fouad M. 2005. "Multistage Separation Processes", USA, CRC Press.

Levenspiel, O., 1999, Chemical Reaction Engineering, 3rd ed., John Wiley and Sons, Inc., New York.

Lytron, Inc., "Factors Impacting Cooling Capacity of Recirculating Chillers", dalam <http://www.lytron.com/Tools-and-Technical-Reference/Application-Notes/Factors-Impacting-Cooling-Capacity-of-Recirculating-Chillers>, diakses tanggal 7 April 2018.

Maritim.Co, "Karakteristik Umum Air Laut", dalam <http://www.maritim.co/karakteristik-umum-kimia-laut/>, diakses tanggal 7 April 2018.

Marker et all. 1995. "Process for Continously Producing Diisopropyl Ether". European Patent No. 95301893.4.

Material Safety Data Sheet.

NCBI. 2017. Isopropanol dalam <https://pubchem.ncbi.nlm.nih.gov/compound/isopropanol>, diakses tanggal 26 November 2017.

NCBI. 2017. Diisopropyl Ether dalam https://pubchem.ncbi.nlm.nih.gov/compound/Diisopropyl_ether, diakses tanggal 26 November 2017.

NCBI. 2017. Propylene dalam <https://pubchem.ncbi.nlm.nih.gov/compound/Propene>, diakses tanggal 26 November 2017.

NIST. 2017. Propene, dalam <http://webbook.nist.gov/cgi/cbook.cgi?ID=C115071&Mask=2>, diakses tanggal 26 November 2017.

NIST. 2017. Water, dalam <http://webbook.nist.gov/cgi/cbook.cgi?ID=C7732185>, diakses tanggal 26 November 2017.

Novacap Group. 2017. *Startup of A New Production Unit of Manufacture of DIPE (Diisopropyl Ether)* dalam <https://www.novacap.eu/en/startup-of-a-new-production-unit-of-manufacture-of-dipe-diisopropyl-ether/>. Diakses tanggal 5 November 2017.

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



- Perry, R.H. dan Green, D.W., 2008, "Perry's Chemical Engineer's Handbook", 8th ed., Mc Graw Hill Book Co., Singapore.
- Powell, S.T., 1954, "Water Conditioning for Industry", 1st ed., Mc Graw Hill Book Co., Tokyo.
- Reed Exhibitions Japan. 2017. *Introduction of Haike Group* dalam <http://www.wsew.jp/novadocuments/214468?v=635901942639030000>. Diakses tanggal 5 November 2017.
- Science Lab. 2017. Isopropyl Alcohol MSDS dalam <http://www.sciencelab.com/msds.php?msdsId=9924412>, diakses tanggal 5 Desember 2017.
- Science Lab. 2017. Isopropyl Ether MSDS dalam <http://www.sciencelab.com/msds.php?msdsId=9927552>, diakses tanggal 5 Desember 2017.
- Sciencing. 2017. *How to Make Isopropyl Alcohol* dalam <https://sciencing.com/make-isopropyl-alcohol-5209351.html>. Diakses tanggal 5 November 2017.
- Shell. 2016. Isopropyl Alcohol-GMP dalam http://www.shell.com/business-customers/chemicals/our-products/solvents-chemical/alcohols/_jcr_content/par/tabbedcontent/tab/textimage.stream/1460023059222/35e7d611d550aec459865bf23f09fe3555c62f42a4ce77268078496ba1dd77c3/ipa-gmp-s1155-070416.pdf, diakses tanggal 26 November 2017.
- Sigmaaldrich. 2017. Propylene, dalam https://www.sigmaaldrich.com/catalog/product/aldrich/769045?lang=en®ion=ID&utm_medium=referral&utm_source=pubchem&utm_campaign=pubchem_2017, diakses tanggal 26 November 2017.
- Sinnott, R. K., 1983, "Coulson & Richardson's Chemical Engineering Series : Chemical Engineering Design", Chemical Engineering vol. 6 4th ed., Elsevier Butterworth-Heinemann, Oxford.
- Smith, J.M., Van Ness, H.C., and Abbott, M.M., 2001, "Introduction to Chemical Engineering Thermodynamics", 6 th ed., pp. 666-671, The McGraw-Hill Companies, Inc.
- Stenutz. 2017. Diisopropyl Ether, dalam <http://www.stenutz.eu/chem/solv6.php?name=diisopropyl%20ether>, diakses tanggal 26 November 2017.



- 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
- Toboyo Engineering Co, Ltd., “Reverse Osmosis Membrane Seawater Concentration System” dalam http://www.toyobo-eng.co.jp/en/environment/mizu/mizu_r02.html, diakses tanggal 7 April 2018
- Treybal, R. E., 1955, *Mass-Transfer Operations*, 3rd ed., McGraw-Hill, Singapore.
- Ulrich, Gael D., 1984, *A Guide to Chemical Engineering Process Design and Economics*, John Wiley & Sons, Inc., New York.
- UN Data. 2017. *Trade of goods, US\$, HS 1992, 29 Organic chemicals* dalam <http://data.un.org/Data.aspx?q=ether&d=ComTrade&f=11Code%3a30%3bcmdCode%3a290919>. Diakses tanggal 5 November 2017.
- Walas, Stanley M., 1990, “Chemical Process Equipment Selection and Design”, Washington, Butterworth-Heinemann.
- Yaws, Carl L., 1999, *Chemical Properties Handbook*, McGraw-Hill, New York.
- Zauba Technologies and Data. 2017. *Detailed Import Data of: diisopropyl ether* dalam <https://www.zauba.com/import-diisopropyl+ether-hs-code.html>. Diakses tanggal 5 November 2017.
- Zeebiz. 2017. *Deepak Fertilisers to set up brownfield IPA plant at Tajola* dalam <http://www.zeebiz.com/agencies/deepak-fertilisers-to-set-up-brownfield-ipa-plant-at-tajola-25759>. Diakses tanggal 5 November 2017.



Prarancangan Pabrik Diisopropil Eter dari Isopropil Alkohol dengan Kapasitas 10.000 Ton/Tahun
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