



## **DAFTAR PUSTAKA**

Badan Meteorologi, Klimatologi, dan Geofisika (BMKG), 2020,  
<https://www.bmkg.go.id/cuaca/prakiraan-cuaca.bmkg?Kota=Tuban&AreaID=501308&Prov=12>, diakses pada 29 Agustus 2022.

"*Material Safety Datasheet 2*". hillbrothers.com. Archived from the original (PDF) on 2012-08-03. diakses 23 November 2021.  
<https://web.archive.org/web/20120803005424/http://www.hillbrothers.com/msds/pdf/sodium-hydroxide-10-50-liq.pdf>

Baker R. W., 1991, "*Membrane Technology and Applications*", Membrane Technology and Research, Inc., California.

Barba, F., Babanero, B., 2004, "*Two Paired Electrolysis*", Madrid : University of Alcala

Barbezat, P., Murchu, C.O., Lonza Ltd., Gampel/Valais, Switzerland, US3723499, 1973

Brown, G. G., Katz, D., Foust, A. S., and Schneidewind, C., 1950, "*Unit Operation*", John Wiley and Sons, Inc., New York.

Brownell, L.E and Young, E.H., 1959., "*Equipment Design*", John Willey & Sons, Inc., New York.

Buros, O. K., 2000, "*The ABSs of Desalting*", International Desalination Association, Topsfield, Massachusetts.

Coulson, J.M. and Richardson, J.F., 1983, "*An Introduction to Chemical Engineering Design*", Pergamon Press Ltd., Singapore.

Couper, J.R., Penney, W.R., Fair, J.R., 2012, "*Chemical Process Equipment: Selection and Design*", 3 ed., Butterworth-Heinemann, Massachusetts.

Crowl, Daniel A. dan Louvar, Joseph F. (2002). *Chemical Process Safety*. Upper Saddle River : Prentice Hall Inc.



Engineering ToolBox, 2005, “Fuel Gases Heating Values”,

[https://www.engineeringtoolbox.com/heating-values-fuel-gases-d\\_823.html](https://www.engineeringtoolbox.com/heating-values-fuel-gases-d_823.html),

diakses pada 24 Agustus 2022.

Evans, F. L., 1980, “*Equipment Design Handbook*”, Gulf Publishing Company, Tokyo.

Gualtieri, C., Angeloudis, A., Bombardelli, F., Jha, S., dan Stoesser, T., 2017, “*On the Values for the Turbulent Schmidt Number in Environmental Flows*”, Multidisciplinary Digital Publishing Institute (MDPI), Switzerland.

Global Asset Protection Services LLC. (2015). GAPS Guidelines: *Oil and Chemical Plant Layout and Spacing*, 1–13.

Harald Strittmatter, Stefan Hildbrand and Peter Pollak. 2007. *Malonic Acid and Derivatives dalam Ullmann's Encyclopedia of Industrial Chemistry*, Wiley-VCH, Weinheim. p.56

International Organization for Standardization (ISO). (2010). *ISO 14001 Environmental Management Systems*. Switzerland. ISO/ITC

Herman, Alexis M. (2000). *Process Safety Management*. Accessed September 15, 2022. Retrieved from <https://www.osha.gov/Publications/osha3132.html#psi>.

Kern, D. Q. (1965). *Process Heat Transfer*. McGraw-Hill Book Company. Japan

Kesslin, G., et. al., KayFries Chemicals, Inc., US3375268, 1968

Kirk, R. E., Othmer, D. F., Grayson, M., & Eckroth, D. (1985). *Kirk-Othmer Concise encyclopedia of chemical technology*. New York: Wiley.

Konica Minolta Business Technologies Inc. (2013). Accessed September 15, 2022. Retrieved from <https://patents.justia.com/patent/20130253213>.

Lenntech, 2016, [www.lenntech.com](http://www.lenntech.com), diakses pada 24 Agustus 2022.

Li, Wenze & Chen, Xin & Qi, Xuan & Sun, Hongbin. (2014). Hydrolysis Kinetics of Chloroacetic Acid with Sodium Hydroxide Under Strong Alkaline



Conditions. Asian Journal of Chemistry. 26. S95-S95.  
10.14233/ajchem.2014.17537.

Merritt, C, 2016, “*Process Steam Systems*”, John Willey & Sons, Inc., New Jersey.

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

Peraturan Menteri Kesehatan RI Nomor 32 Tahun 2017, diakses 25 Agustus 2022.

Peraturan Kementerian Lingkungan Hidup Republik Indonesia Nomor 5 Tahun 2014 tentang Baku Mutu Air Limbah Industri Petrokimia.

Peraturan Pemerintah Republik Indonesia No. 41 Tahun 1999 tentang Pengendalian Pencemaran Udara, diakses 25 Agustus 2022.

Pergamon Press, New York.

Perry, R.H., 1999, “*Perry’s Chemical Engineer’s Handbook*”, 7 ed., p. 2.37-2.38, New York, McGraw-Hill Book Company.

Perry, R. H., & Green, D. W. (2008). *Perry's chemical engineers' handbook*. New York, McGraw-Hill.

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

P. R. Siemens, William F. Giauque. 1969. "Entropies of the hydrates of sodium hydroxide. II.

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

Scialdone, O., Sabatino, M.A., Galia, A., Filardo, G., Silvestri, G., 2007, “*Synthesis of Cyanoacetic Acid by Carbon Dioxide and Electrogenerated Acetonitrile Anion in Undivided Cells Equipped with Sacrificial Anodes*”, Palermo : University of Palermo.



Sinnott, R.K., 1983, “*Chemical Engineering Design*” Vol. 6, Pergamon Press,  
New York. Pergamon Press, New York.

Sinnott, R.K., 2005, “*Chemical Engineering Design*”, 4 ed., Elsevier, Oxford.

Smith, J.M., Ness, H.C.V., dan Abbott, M.M., 2001, “*Chemical Engineering Thermodynamics*”, Volume 6, p.635-636, Mc Graw Hill, New York.

Stephenson, Richard M., Malanowski S., 1987, *Handbook of the Thermodynamics of the Thermodynamics of Organic ics of Organic Compounds*, Elsevier Science Publishing Co .. Inc., New York.

Treybal, R.E., 1981, “*Mass-Transfer Operations*”, Int.ed., p. 139-210, Singapore, McGraw-Hill Book Company.

Ullmann, F., Gerhartz, W., Yamamoto, Y. S., Campbell, F. T., Pfefferkorn, R., Rounsville, J. F., & Ullmann, F. (1985). *Ullmann's encyclopedia of industrial chemistry*. Weinheim, Federal Republic of Germany: VCH.

Ullmann, 2003, “*Ullmann's Encyclopedia of Industrial Chemistry*”, 6th ed.Vol 1: Federal Republic of Germany: Wiley-VCH Verlag GmbH & Co. 2003 to Present, p. 14648.

Ulukardesler, A.H. dkk., 2009, “*Determination of Optimun Condition and The Kinetics of Methanol Oxidation*”, Chem.Eng.Tech, Turkey, Bornova-Ishmir pp. 167-170.

Welty, J.R., Wicks, C.E., Wilson, R.E., Rorrer, G., 2005, “*Fundamentals of Momentum, Heat and Mass Transfer*”, 4 ed., p. 421.451, John Willey & Sons, Inc., New York.

Yaws, C.L., 1999, “*The Yaws Handbook of Vapor Pressure : Antoine Coefficients*”, p.80-534. Oxford, Elsevier.