

DAFTAR PUSTAKA

- Arkema.** 2024. *Arkema Hydrogen Peroxide Co., Ltd.* Shanghai. Tersedia di: <https://www.arkema.cn/en/arkema-in-china/plant-locations/arkema-shanghai-hydrogen-peroxid/> (Diakses: 2 Agustus 2026).
- Badan Pusat Statistik.** 2025. *Statistik Perdagangan Luar Negeri Indonesia: Ekspor 2024, Buku I.* Jakarta: Badan Pusat Statistik. Tersedia di: <https://www.bps.go.id> (Diakses: 1 Agustus 2026).
- Burgess, A.R., Cullis, C.F. & Newitt, E.J. 1961. *The Gaseous Oxidation of Isopropyl Alcohol. Part I. The Influence of Temperature, Pressure, and Mixture Composition on the Formation of Hydrogen Peroxide and Other Products.* *Journal of the Chemical Society*, pp. 1884–1893. <https://doi.org/10.1039/JR9610001884>.
- Campos-Martin, J.M., Blanco-Brieva, G. dan Fierro, J.L.G.** 2006. Hydrogen peroxide synthesis: An outlook beyond the anthraquinone process. *Angewandte Chemie International Edition*, **45**(42), hlm. 6962–6984.
- Chase, M.W. Jr. (1998) *NIST-JANAF Thermochemical Tables*. 4th edn. Journal of Physical and Chemical Reference Data, Monograph 9. Gaithersburg, MD: National Institute of Standards and Technology.
- Fogler, H.S., 2016. *Elements of Chemical Reaction Engineering*. 5th ed. Boston: Pearson Education.
- Green, D.W. dan Southard, M.Z.** 2019. *Perry's Chemical Engineers' Handbook*. 9th edition. New York: McGraw-Hill Education.
- Haynes, W.M. (ed.).** 2016. *CRC Handbook of Chemistry and Physics*. 97th edition. Boca Raton: CRC Press.
- Hill, C.G., 1977. *An Introduction to Chemical Engineering Kinetics and Reactor Design*. New York: John Wiley & Sons.
- Incropera, F.P., DeWitt, D.P., Bergman, T.L. & Lavine, A.S., 2007. *Fundamentals of Heat and Mass Transfer*. 6th ed. New York: John Wiley & Sons.
- Indochem. 2021. *Apa Itu Aseton? Berikut Kegunaannya dalam Kehidupan Sehari-hari*. Tersedia di: <https://www.indochem.co.id/news/apa-itu-aseton-berikut-kegunaannya-dalam-kehidupan-sehari-hari> (Diakses: 4 Agustus 2026)
- Kern, D.Q., 1950. *Process Heat Transfer*. New York: McGraw-Hill.
- Kern, D.Q., 1950. *Process Heat Transfer*. New York: McGraw-Hill.

- Kirk-Othmer. 2019. Hydrogen Peroxide. Dalam: *Kirk-Othmer Encyclopedia of Chemical Technology*. Hoboken: John Wiley & Sons.
- Kompas.com. 2022. *10 Kegunaan Hidrogen Peroksida untuk Membersihkan Rumah*. Tersedia di: <https://www.kompas.com/homey/read/2022/11/06/162700676/10-kegunaan-hidrogen-peroksida-untuk-membersihkan-rumah> (Diakses: 5 Agustus 2026).
- McKetta, J.J. (ed.). 1993. *Encyclopedia of Chemical Processing and Design*. New York: Marcel Dekker.
- Perry, R.H. and Green, D.W. 2019. *Perry's Chemical Engineers' Handbook*. 9th ed. New York: McGraw-Hill Education.
- Petrucci, R.H., Herring, F.G., Madura, J.D. and Bissonnette, C. 2017. *General Chemistry: Principles and Modern Applications*. 11th ed. Harlow: Pearson.
- Seader, J.D., Henley, E.J. & Roper, D.K., 2011. *Separation Process Principles*. 3rd ed. New York: John Wiley & Sons.
- Solvay. 2016. *Solvay Starts Up a New Hydrogen Peroxide Plant in China*. Tersedia di: <https://www.solvay.com/en/press-release/solvay-starts-new-hydrogen-peroxide-plant-china-demand-high-quality-applications> (Diakses: 2 Agustus 2026).
- Solvay. 2025a. *Hydrogen Peroxide to Propylene Oxide (HPPO)*. Tersedia di: <https://www.solvay.com/en/chemical-categories/peroxygens/SolvayHPPO> (Diakses: 2 Agustus 2026).
- Solvay. 2025b. *Leading the Charge in Hydrogen Peroxide Solutions*. Tersedia di: <https://www.solvay.com/en/article/leading-charge-hydrogen-peroxide-solutions> (Diakses: 2 Agustus 2026).
- Towler, G. dan Sinnott, R.K. 2022. *Chemical Engineering Design: Principles, Practice and Economics of Plant and Process Design*. 3rd edition. Oxford: Elsevier.
- Ullmann's Encyclopedia of Industrial Chemistry. 2012. *Isopropyl Alcohol*. Weinheim: Wiley-VCH.
- Ullmann's Encyclopedia of Industrial Chemistry. 2022. *Hydrogen Peroxide*. Weinheim: Wiley-VCH.
- United States Geological Survey (USGS). 2024. *The Water Cycle*. Available at: <https://www.usgs.gov/special-topics/water-science-school/science/water-cycle> (Accessed: 4 August 2026).

- Ursúa, A., Gandía, L.M. dan Sanchis, P. 2012. Hydrogen production from water electrolysis: Current status and future trends. *Proceedings of the IEEE*, 100(2), hlm. 410–426. <https://doi.org/10.1109/JPROC.2011.2156750>.
- Wagman, D.D., Evans, W.H., Parker, V.B., Schumm, R.H., Halow, I., Bailey, S.M., Churney, K.L. and Nuttall, R.L. (1982) ‘The NBS Tables of Chemical Thermodynamic Properties: Selected Values for Inorganic and C1 and C2 Organic Substances in SI Units’, *Journal of Physical and Chemical Reference Data*, 11(Supplement 2).
- Wati, N.S. 2021. 6 Fakta Penting yang Perlu Anda Ketahui Tentang Air Putih. Hello Sehat. Tersedia di: <https://hellosehat.com/nutrisi/tips-makan-sehat/mitos-fakta-air-putih/> (Diakses: 4 Agustus 2026).
- Walsh, F.C. 1993. *A First Course in Electrochemical Engineering*. Romsey: The Electrochemical Consultancy.
- World Integrated Trade Solution (WITS). 2023. *Indonesia Imports of Hydrogen Peroxide (HS Code 284700)*. Washington, DC: World Bank. Tersedia di: <https://wits.worldbank.org/trade/comtrade/en/country/IDN/year/2023/tradeflow/Imports/partner/ALL/product/284700> (Diakses: 1 Agustus 2026).
- Xu, Z., Liu, W., Yin, H. and Liu, X., 2026. Catalyst loading technology for fixed-bed reactors: *From empirical heuristics to data-driven intelligent regulation*. *Catalysts*, 16(2), 123.