

DAFTAR PUSTAKA

- Achaw, O.-W. and Danso-Boateng, E. (2021) 'Manufacture of crude palm oil and refined palm oil', in *Chemical and Process Industries: With Examples of Industries in Ghana*. Springer, pp. 195–211.
- Assi, A. *et al.* (2023) 'Characterization of triglycerides photooxidation under solar radiations: A stepwise Raman study', *Analytical Science Advances*, 4(9–10), pp. 293–301.
- Austin, A. and Rahman, I.U. (2022) 'A triple helix of market failures: Financing the 3Rs of the circular economy in European SMEs', *Journal of Cleaner Production*, 361, p. 132284. Available at: <https://doi.org/https://doi.org/10.1016/j.jclepro.2022.132284>.
- Baki, Z.A. and Dib, H. (2022) 'Differences between Six- and Five-Membered Cyclic Carbonates : Inspiration for Green Alternatives'.
- Chen, Z. and Wu, X. (2022) *2 Chemical Transformations of Methanol*.
- Dzindziora, A. *et al.* (2024) 'A Study of the Relationship between the Dynamic Viscosity and Thermodynamic Properties of Palm Oil, Hydrogenated Palm Oil, Paraffin, and Their Mixtures Enhanced with Copper and Iron Fines', *Materials*, 17(7), p. 1538.
- Flowers, P. *et al.* (2019) *Chemistry 2e*.
- Gade, S.M., Saptal, V.B. and Bhanage, B.M. (2022) 'Perception of glycerol carbonate as green chemical: Synthesis and applications', *Catalysis Communications*, 172(August), p. 106542. Available at: <https://doi.org/10.1016/j.catcom.2022.106542>.
- Hamid, A., Saragih, R. and Syahputra, S. (2023) 'Measuring the Maturity Level of Oil Palm Fruit For CPO Production Based on Color With Using the LVQ Method', *Journal of Artificial Intelligence and Engineering Applications (JAIEA)*, 3(1), pp. 255–261.
- HazCom (2025) 'Safety data sheet', 2024(6), pp. 1–9.
- Hendro, J. and Zahra, H.S. (2024) 'Biodiesel production from crude palm oil (CPO) through variation steps of esterification-transesterification and its evaluations', in *AIP Conference Proceedings*, p. 20011.
- Inrirai, P. *et al.* (2024) 'Recent advances in processes and catalysts for glycerol carbonate production via direct and indirect use of CO₂', *Journal of CO₂ Utilization*, 80(February), p. 102693. Available at: <https://doi.org/10.1016/j.jcou.2024.102693>.
- Jin, C. *et al.* (2022) 'Influence of glycerol on methanol fuel characteristics and engine combustion performance', *Energies*, 15(18), p. 6585.

- Jitjamnong, J. and Khongprom, P. (2025) 'of enriched glycerol and dimethyl carbonate using', pp. 5941–5958. Available at: <https://doi.org/10.1039/d4ra00290c>.
- Karpinska, L. (2021) 'Escaping Energy Poverty : A Comparative Analysis of 17 European Countries'.
- Kusumawati, D., Putra, A.E.E. and Amaliyah, N. (2025) 'Characterisation and Analysis of Chemical Compounds from the Ozonization Process of Crude Palm Oil (CPO) for Biodiesel Production', *Engineering Headway*, 20, pp. 3–14.
- Lourenço, V.A. *et al.* (2021) 'Methane production test of the anaerobic sludge from rice parboiling industries with the addition of biodiesel glycerol from rice bran oil in Brazil', *Renewable and Sustainable Energy Reviews*, 149, p. 111331. Available at: <https://doi.org/https://doi.org/10.1016/j.rser.2021.111331>.
- Maria, C. and Di, L. (2023) 'Catalytic Synthesis of Glycerol Carbonate', (1), pp. 1–14.
- MSDS (2025a) 'Product Number', (1907), pp. 1–9.
- MSDS (2025b) 'Safety data sheet', 2024(6), pp. 1–10.
- Nanoparticle, S.C. and Al-kurdhani, J.M.H. (2023) 'The Synthesis of Glycerol Carbonate from Glycerol and Carbon', pp. 1–18.
- Oksida, D. and Oksida, D. (2017) 'Lembar data keselamatan bahan', (1907), pp. 1–7.
- Produk, N. and Darurat, N.T. (2025) 'Seng serbuk untuk analisis dengan ukuran', (1272), pp. 1–12.
- Rachmanita, R.E. and Safitri, A. (2020) 'Pemanfaatan Minyak Biji Alpukat (*Persea americana* Mill) sebagai Bahan Baku Pembuatan Biodiesel dengan Pemurnian Water Washing', *Jurnal Ilmiah Sains*, pp. 88–99.
- Rosli, N.L., Ku Halim, K.H. and Alias, R. (2023) 'Crude Palm Oil Physicochemical and Quality Characterisation', *Advances in Science and Technology*, 123, pp. 43–52.
- Syafrianti, A., Lubis, Z. and Elisabeth, J. (2021) 'Study of crude palm oil (CPO) handling and storage process in palm oil mills in an effort to improve CPO quality and reduce the risk of contaminants formation', *Journal of Food and Pharmaceutical Sciences*, pp. 461–470.
- Wahyudi, B., Rizki, T. and Wahyu P, R. (2020) 'Pembuatan biodiesel dari minyak jelantah dengan proses esterifikasi dan transesterifikasi'.
- Wang, J. *et al.* (2020) 'A vibrating-wire viscometer and measured viscosity data of compressed liquid carbon dioxide at temperatures from 218.150 to 273.150 K and pressures up to 13 MPa', *Journal of Molecular Liquids*, 310, p. 113208.

Yang, D. *et al.* (2025) 'Research on the direct synthesis of glycerol carbonate from carbon dioxide and glycerol', 9200031, pp. 1–15.

Yankun Zhang, D. (2022) 'Theoretical Analysis of the Catalytic Hydrolysis Mechanism of'.