

DAFTAR PUSTAKA

- Arum, Ayu Puspita. 2016. *Sintesis Monogliserol dan Diasilgliserol dari Refined Bleached Deodorized Palm Stearin Dengan Cara Gliserolisis Kimia dalam Stirrer Tank Reactor Sistem Batch* Thesis / Jurusan Teknologi Pangan dan Hasil Pertanian ; Universitas Gadjah Mada. - Yogyakarta : tidak diterbitkan.
- Basiron, Y., Jalani, B. S., dan Weng, C. K. 2000. *Advances Oil Palm Research*. Volume II. Malaysian Palm Oil Board: Malaysia.
- Becher, Paul. 1983. *Encyclopedia of Emulsion Technology Volume 1 Basic Theory*. Marcel Dekke Inc. Madison avenue, New York.
- Chang, Raymond. 2004. *Kimia Dasar Konsep-Konsep Inti Jilid 2*. Jakarta : Erlangga.
- Corbion. 2014. *Emulsifier Solution*. Caravan e-book. <http://www.corbion.com>. Diakses pada 30 Juni 2017 pada pukul 21.00 WIB.
- Darsmstuup. 2012. *Solvent Optimization for Efficient Enzymatic Monoacylglycerol Production Based On Glycerolysis Reaction*. JAOCS. 82: 559-664.
- Dziezak, J.D. (ed.). 1988. *Emulsifiers: The Interfacial Key to Emulsion Stability*. Journal of Food Technology.
- Endalew, A.K, Kiros, Y., dan Zanzir, R. 2011. *Inorganic Heterogeneous Catalysts For Biodiesel Production From Vegetable Oils*. Biomass Bioenergy. 35:3787 809.
- Fitria, Kholifaturrosyidah. 2014. *Sintesis Biosurfaktan Ester Fruktosa Oleat Secara Enzimatis Menggunakan Lipase Amobil pada Matrik Modifikasi Hidrofobik dalam Fluidized Bed Reactor* : Thesis / Jurusan Teknologi Pangan dan Hasil Pertanian ; Universitas Gadjah Mada. - Yogyakarta : tidak diterbitkan.
- Goh, E.M, Trimms, R.E,. 1984. *Determination of Mono- and Diglycerides in Palm Oil, Olein and Stearin*. Kempas Edible Oil Sdn. Berhad. Pasir Gudang, Johore, Malaysia.
- Hasenhuettl, Gerard L dan Richard W Hartel. 2008. *Food Emulsifiers and Their Application*. New York : Springer-Verlag.
- Hasibuan, A.H., Siahaan, D., Rivani, M., dan Panjaitan, F. 2009 . *Minyak Sawit dan Minyak Inti Sawit Sebagai Bahan Baku Formulasi Plastic Fat dan Specialty Fat. Prosiding Pertemuan Teknis Kelapa Sawit*. Jakarta Convention Center 28-30 Mei 2009, 295 – 305.

- Hasibuan, Hasrul Adi. 2012. *Kajian Mutu dan Karakteristik Minyak Sawit Indonesia serta Produk Fraksinasinya*. Medan : Pusat Penelitian Kelapa Sawit.
- Harismawati, A. dan Prasetyo, F. 2008. *Produksi Mono dan Digliserida Dengan Proses Gliserolisis Pseudohomogen dari Minyak Goreng Bekas*. Universitas Diponegoro. Semarang.
- Helwani, Z., Othman, M.R., Aziz, N., Kim, J., Fernando, W.J.N. 2009. *Solid heterogenous catalysts for transesterification of triglycerides with methanol : a review.*, *Appl. Catal. A – Gen.* 363, 1-10.
- Kitakawa,N.S., Honda,H., Kuribayashi,H., Toda,T., Fukumura,T., Yonemoto,T. 2007.*Biodiesel production using anionic ion-exchange resins heterogeneous catalyst*. *Bioresour. Technol.* 98(2), 416–421.
- Matthaus, B. 2007 . *Use of Palm Oil for Frying in Comparison with Other High-Stability Oils*. *Eur. J. Lipid Sc. Technol.* 109, 400- 409.
- Krog, N.J. 1990. *Food Emulsifier and Their Chemical & Physical Properties Di Dalam Food Emulsion*. K. Larson dan S.F. Friberg (eds.). Marcel Dekker, New York.
- Mazzotti, M., Neri, B., Gelosa, D., Kruglov, A., Morbidelli, M., 1997. *Kinetics of liquid-phase esterification catalyzed by acidic resins*. *Ind. Eng. Chem. Res.* 36, 3–10.
- Noureddini, Hossein, Harkey, D.W., Gutsman, M R. 2004. *A Continuous Process For The Glycerolysis of Soybean Oil*. *Journal of American Oil Chemistry Society*. Vol 81 no 2 pp. 203-207.
- O'Brien, Richard D., Walter E. Farr, Peter J. Wan. 2000. *Introduction to Fat and Oils Technology*. AOCS Press. Champaign, Illinois.
- Oil World. 2010. *ISTA Mielke GmbH*. <http://www.oilworld.biz/>. Diakses 13 Juni 2017 pukul 21.21 WIB.
- Pantzaris, T.P.1995. *Pocketbook of Palm Oil Uses*. Palm Oil Research Institute of Malaysia: Kuala Lumpur.
- Paterson, Greg dkk. 2013. *Ion-exchange resins as catalysts in transesterification of triolein*. *Catalysis Today* 212. 157-163.
- Ren, Yanbiao., He, Benqio., Yan, Feng., Wang, Hong., Cheng, Yu., Lin, Ligang., Feng, Yaohui., Li, Jianxin. 2012. *Continuous biodiesel production in a fixed bed reactor packed with anion-exchange resin as heterogenous catalyst*. *Biosource Technology* 113. 19-22.
- Schuchardt, U., Sercheli, R., Vargas, R.M., 1998. *Transesterification of vegetable oils: a review*. *J. Braz. Chem. Soc.* 9, 199–210.

- Sleight, H.W. 1983. *Catalyst Design And Section, Applied, Industry Catalyst*. New York : Academic Press.
- Soares, Fabiana Andreia Schäfer De Martini., Da Silva, Roberta Claro., Da Silva, Kelly Caroline Guimarães., Lourenço, Maira Bertolessi., Soares, Daniela Ferreira., Gioielli, Luiz Antonio. 2009. *Effects of Chemical on Physicochemical Properties of Blends of Palm Stearin and Palm Olein*. Food Research International 42. 1287 – 1294.
- Sudarmaji S, Slamet Haryono. B, Suhardi. 1997. *Prosedur Analisa Untuk Bahan Makanan dan Pertanian*. Liberty : Yogyakarta.
- The Dow Chemical Company.2000 . *Amberlite IRA402 CL Industrial Grade Strong Base Anion Exchange*. Form No. 177-03054-0313.
- Tarmizi, A.H.A., S.W. Lin., and A. Kuntom. 2008. *Development of Palm Based Reference Materials for the Quantification of Fatty Acids Composition*. J. Oleo Science. 57 (5), 275-285.
- Utomo, M. Pranjoto, Laksono, Endang Widjajanti. 2007. *Tinjauan Tentang Deaktivasi Katalis pada Reaksi Katalisis Heterogen*. Staf Pengajar Jurdik Kimia FMIPA UNY.
- Winarno, F. G. 2002. *Kimia Pangan dan Gizi*. PT Gramedia Pustaka Utama.
- Yanuar, S.P. dan Mulyani, S. 2014. *Proses Gliserolisis CPO Menjadi Mono dan Diasilgliserol Dengan Pelarut Tert-butanol Dan Katalis Mgo*. Universitas Diponegoro. Semarang.
- Zulfikar. 2009. *Pengaruh Kalsium Karbonat dan Gliserol terhadap Produk Gliserolisis Refined Bleached Deodorized Palm oil (RBDPO)*. Skripsi. Departemen Kimia, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Sumatera Utara. Medan.