

DAFTAR PUSTAKA

- Adewuyi, A., Rotimi, A.O., Rao, B.V.S.K., and Prasad, R.B.N., 2011, "Synthesis of Alkanolamide: a Nonionic Surfactant from the Oil of *Gliricidia sepium*", *J Surfact Deterg* (2012) 15:89–96.
- Ahmed, Tarek H., 2010, "Reservoir engineering handbook, 4th ed.", ELSEVIER Inc., USA.
- Akstinat, M. H., 1981, "Surfactants for EOR Process in High-Salinity Systems: Product Selection and Evaluation," in *Enhanced Oil Recovery*, F. J. Fayers (ed.) New York: Elsevier.
- Anwar, F., Umer Rashid, Shaukat Ali Shahid, and Muhammad Nadeem, 2014. "Physicochemical and Antioxidant Characteristics of Kapok (*Ceiba pentandra* Gaertn.) Seed Oil", *J Am Oil Chem Soc* (2014) 91:1047–1054
- Ariska, C.R., 2011, "Pembuatan Senyawa Epoksidasi dari Asam Oleat Untuk Modifikasi Sodium Ligno Sulfonat (SLS)" (Tinjauan : Kinetika Reaksi Epoksidasi) : Tesis, Fakultas Teknik Pengendalian Pencemaran Lingkungan, Universitas Gadjah Mada, Yogyakarta.
- Ashayer, R., Grattoni, C. A, and Luckham, P.F., 2000, "Wettability Changes During Surfactant Flooding", Imperial College, London, UK.
- Cai, C., Dai, H., Chen, R., Su, C. et al., .2008, "Studies on the kinetics of in situ epoxidation of vegetable oils", *Eur. J. Lipid Sci. Techno* 110, 341–346
- Chempro Technovation Pvt. Ltd., <http://www.chempro.in/fattyacid.htm/> tanggal akses: 20 Maret 2015.
- Colleparidi, M., 2005, "Chemical Admixtures Today. Proceedings of Second International Symposium on Concrete Tecnology for Sustainable February - Development with Emphasis on Infrastructure, Ponzano Veneto (Italy)", 27 February-3 March 2005: 527-541.
- Cui, Z., H. Song, J., Yu, J., Jiang, and F. Wang, 2010, "Synthesis of N-(3-Oxapropanoxyl) dodecanamide and its Application in Surfactant-Polymer Flooding", *J Surfact Deterg* (2011) 14:317–324.

- Dantas, C.S.T., Neto, D.A.A., Moura, E.L., Neto, B., Forte, K.R. and Leite, R.H.L., 2003, "Heavy Metals Extraction by Microemulsions", Universitas Federal Do Rio Grande Do Norte, Centro De Tecnology PPGEQ, Campus Universitario, Brazil.
- Dinda, S., Patwardhan, A. V., Goud, V. V., Pradhan, N. C., 2008, "Epoxidation of cottonseed oil by aqueous hydrogen peroxide catalysed by liquid inorganic acids", *Bioresource Techno.* 99, 3737–3744
- Direktorat Jenderal Perkebunan, <http://ditjenbun.pertanian.go.id/> tanggal akses: 4 Maret 2015.
- Escrig, P.D.F. and Martin, J.M.C., 2000, "Process for Epoxidation of Olefinic Compound with Hydrogen Peroxide", U.S. Patent No. 6.160.138.
- Gan, L.H., S.H. Goh and K.S. Ooi, 1992, "Kinetic Studies of Epoxidation and Oxirane Cleavage of Palm Olein Methyl Esters", *JAOCS*, Vol.64 no. 4
- Genaro, R.A., 1990, "Rhemingtons Pharmaceutical Science", 18th ed, Mack Printing Company, Easton, Pennsylvania, USA, 267.
- Gogoi, S.B., and Das, B.M., 2012, "Use Of an Effluent For Enhanced Oil Recovery", Departement of Petroleum Tecnology, Dibrugarh University, India.
- Goud, V.V., Patwardhan, A.V. and Pradhan, N.C., 2005, "Studies on The Epoxidation Of Mahua Oil (*Madhumica indica*) by Hydrogen Peroxide", *Bioresource Technology* 97: 1365-1371.
- Goud, V.V., Narayan C. Pradhan, and Anand, V. Patwardhan, 2006, "Epoxidation of Karanja (*Pongamia glabra*) Oil by H₂O₂", *JAOCS*, Vol. 83, no. 7, AOCS Press
- Green, D.W. and G. Paul Willhite, 1998, "Enhanced Oil Recovery", Society of Petroleum Engineers Inc., Texas: USA.
- Gunstone, F.D., 1979, "in Fatty Acids, Pryde, E.H., Ed.", American Oil Chemists' Society, Champaign, IL, p. 379.
- Gunstone, F.D., John L. Harwood and Albert J. Dijkstra, 2007, "The lipid handbook 3rd ed.", Taylor & Francis Group: CRC Press
- Handoyo, R., 2007, "Biodiesel dari Minyak Biji Kapok", *Jurnal Enjiniring Pertanian UGM*, 57-64.

- Karnanda, W., M.S., Benzagouta, Abdulrahman, A. and M.M., Amro, 2012, "Effect of temperature, pressure, salinity, and surfactant concentration on IFT for surfactant flooding optimization", Saudi Society for Geosciences.
- Lake, L. W., 1984, "A Technical Survey of Micellar Polymer Flooding," presented at Enhanced Oil Recovery, A Symposium for the Independent Producer, Southern Methodist University, Dallas, Texas.
- Lake, L.W., 1989, "Enhanced Oil Recovery", University of Texas at Austin: Prentice-Hall, Inc, Englewood Cliffs, New Jersey 07632.
- Lestari, Asri, 2006, Kajian Pengaruh Suhu, Lama Pemanasan dan Konsentrasi Asam (HCl) terhadap Kemampuan Surfaktan Metil Ester Sulfonat (MES) Sebagai Oil Well Stimulation Agent : Skripsi, Fakultas Teknologi Pertanian, Institut Pertanian Bogor, Bogor.
- Lim, T.K., 2012, "Edible Medicinal and Non-Medicinal Plants: Volume 1, Fruits" Springer Science+Business Media B.V.
- Luo, Z., S. Wang, H., Fan, C., Xia, J., Yuan and R., Liu, 2010, "A Novel Biodegradable Fluorine-Containing Copolymer Surfactant", J Polym Environ (2010) 18:339–34.
- Mira, R., Irawadi, T., Ani, S. dan Dwi, S., 2011, "Penentuan Kondisi Proses Produksi Surfaktan MES Untuk Aplikasi EOR Pada Batuan Karbonat" Agrotek Volume 1, No. 1.
- Mungroo, R., Narayan, C.P., Vaibhav, V.G. and Ajay K.D., 2008, "Epoxidation of Canola Oil with Hydrogen Peroxide Catalyzed by Acidic Ion Exchange Resin", J Am Oil Chem Soc (2008) 85:887–896
- Naidir, F., Robiah, Y., Umer, R., Hassan, M., Tinia, I., M., Ghazi and Irmawati R., 2012, "The Kinetics of Epoxidation of Trimethylolpropane Ester", Eur. J. Lipid Sci. Technol. 2012,114, 816–822
- Nasiri, H., 2011, "Enzymes for Enhanced Oil Recovery (EOR)": Disertasi, University of Bergen, Norway.
- Okieimen, F.E., Bakare, O.I. and Okieimen, C.O., 2002, "Studies on the epoxidation of rubber seed oil", Ind. Crops Prod. 15,139–144
- Petrovic, Z.S., Zlatanic, A., Lava, C.C. and Sinadinovicfise, S., 2002, "Epoxidation of soya bean oil in toluene with peroxyacetic acid and peroxyformic acids-kinetics and side reactions", European Journal of Lipid Science and Technology 104(5):293-299.

- Rahman, A.A. dan G.S., Lelono, 2013, "Pemanfaatan Minyak Goreng Bekas Menjadi Detergen Alami Melalui Kombinasi Reaksi Trans-esterifikasi dan Sulfonasi", *Jurnal Teknologi Kimia dan Industri*, Vol. 2, No. 2, Tahun 2013, Halaman 84-90.
- Resende, K. X., Correa, M.A., Oliveira, A.G. and Scarpa, M.V., 2008, "Effect of Cosurfactant on the Supra molecular structure and Physicochemical Properties of Non-Ionic Biocompatible Microemulsions", *Brazilian Journal of Pharmaceutical Sciences* Vol. 44, Faculdade de Ciencias Farmaceuticas, Universidade Estadual Paulista Julio de Mesquita Filho.
- Sarubbo, L.A., Charles, B.B.F. and Galba M.C., 2006, "Co-Utilization of Canola Oil and Glucose on the Production of a Surfactant by *Candida lipolytica*." *CURRENT MICROBIOLOGY* Vol. 54 (2007), pp. 68-73.
- Shaw, D. J., 1980, "Introduction to Colloid and Surface Chemistry" Butterworhts Oxford, England.
- Sholeh, M., Fitriendingyah, T.K. dan Supriyadi T., 2011, "Pengaruh Komposisi Bungkil Biji Kapas Dalam Pakan Terhadap Pertumbuhan dan Produksi Daging Ternak Unggas", prosiding seminar nasional inovasi perkebunan, Balai Penelitian Tanaman Tembakau dan Serat.
- Sinadinović-Fišer, S., Milovan, J. and Zoran, S.Petrovic, 2001, "Kinetics of in situ Epoxidation of Soybean Oil in Bulk Catalyzed by Ion Exchange Resin", *JAOCS*, Vol. 78, no. 7, AOCS Press
- Sugihardjo, 2002, "Formulasi Optimum Campuran Surfaktan, Air dan Minyak", *Lembaran Publikasi Lemigas* 36:37-42
- Syawaluddin, N., 2009, Pembuatan Senyawa Epoksi dari Metil Ester Asam Lemak Sawit Destilat Menggunakan Katalis Amberlite: Tesis, Pascasarjana Universitas Sumatera Utara, Medan.
- Team EOR, 2013, "Riset Penggunaan Bahan Kimia untuk Enhanced Oil Recovery (EOR)", UGM: Yogyakarta
- Teke, J., 2014, "Pengaruh Penambahan Epoksidasi Asam Risinoleat Minyak Jarak (Castor Oil) dan Kosurfaktan Terhadap Kinerja Sodium Lignosulfonat (SLS) dalam Menurunkan *Interfacial Tension* (IFT) Pada Proses Enhanced Oil Recovery (EOR)" Tesis, Pascasarjana Universitas Gadjah Mada, Yogyakarta.

University of Colorado at Boulder, Department of Chemistry and Biochemistry
<http://orgchem.colorado.edu/Spectroscopy/specttutor/irchart.pdf>
tanggal akses: 12 oktober 2015

Yuniwati, M., 2012, “Produksi Minyak Biji Kapuk Dalam Usaha Pemanfaatan Biji Kapuk Sebagai Sumber Minyak Nabati”, Jurnal Teknologi Technoscientia Vol. 4 No.2, Jurusan Teknik Kimia, Institut Sains & Teknologi AKPRIND, Yogyakarta.