

DAFTAR PUSTAKA

- Agbazue, V. E., Ekere, N. R., & Shaibua, Y. (2015). Assessment of the levels of phosphate in detergents samples. *International Journal of Chemical Sciences*, 13(2), 771–785.
- Al Kholif, M. (2020). *Pengolahan Limbah Domestik*. Scopindo Media Pustaka.
- Alawiyah, T., Yuliana, F., & Artikel, I. (2022). ANALISIS KADAR SURFAKTAN ANIONIK PADA AIR SUNGAI. 2(2), 1–6.
- Anand, A. J., Chua, M. C., Khoo, S. H., Yuen, P. L., Fong, M. C. W., Goh, A., & Agarwal, P. (2017). Early discharge planning in preterm low birth weight babies: A quality improvement project. *Proceedings of Singapore Healthcare*, 26(2), 98–101. <https://doi.org/10.1177/2010105816676827>
- Anpilova, Y., Yakovliev, Y., Trofymchuk, O., Myrontsov, M., Karpenko, O. (2021). Environmental Hazards of the Donbas Hydrosphere at the Final Stage of the Coal Mines Flooding. *Zaporozhets, A. (Eds) Systems, Decision and Control in Energy III. Studies in Systems, Decision and Control, Vol 338*. https://doi.org/10.1007/978-3-030-87675-3_19
- Apriyani, N. (2017a). Penurunan Kadar Surfaktan dan Sulfat dalam Limbah Laundry. *Media Ilmiah Teknik Lingkungan*, 2(1), 37–44. <https://doi.org/10.33084/mitl.v2i1.132>
- Apriyani, N. (2017b). *Penurunan Kadar Surfaktan dan Sulfat dalam Limbah Laundry Nani Apriyani Program Studi Teknik Lingkungan Universitas Muhammadiyah Palangkaraya*. 2, 37–44.
- Arviani, I. A., Sarasati, W., Hafidzah, M. T., Mulyono, R. A., & Fasiroh, A. (2024). Akumulasi Logam Berat pada Sedimen Matriks di Perairan Pekalongan. *Maiyah*, 3(1), 22. <https://doi.org/10.20884/1.maiyah.2024.3.1.11533>
- Asmadi, Khayan, H. S. K. (2011). *Teknologi pengolahan air minum*. Yogyakarta Gosyen.
- Azizah, A. (2022). *Environmental health risk assessment on public drinking water in kodingareng and barrang lombo islands makassar in 2022*.
- M., & Hardini, Y. (2014). *Studi dinamika senyawa fosfat dalam litas air sungai ciliwung hulu kota bogor*.



- Badamasi, H., Yaro, M. N., Ibrahim, A., & Bashir, I. A. (2019). CODEN(USA): CRJHA5 Impacts of Phosphates on Water Quality and Aquatic Life. *Chemistry Research Journal*, 4(3), 124–133.
- Badmus, S. O., Amusa, H. K., Oyehan, T. A., & Saleh, T. A. (2021). *Environmental risks and toxicity of surfactants : overview of analysis , assessment , and remediation techniques*. 62085–62104.
- Budiawan, B. (2009). Degradasi Surfaktan Linear Alkilbenzena Sulfonat (Las) Sebagai Bahan Deterjen Pembersih. *Makara Journal of Science*, 13(2), 125–133.
- Collins, J. K., & Jackson, J. M. (2022). Application of a Screening-Level Pollinator Risk Assessment Framework to Trisiloxane Polyether Surfactants. *Environmental Toxicology and Chemistry*, 41(12), 3084–3094. <https://doi.org/10.1002/etc.5479>
- Colonna. (2016). Hemolysis as a rapid screening technique for assessing the toxicity of native surfactin and a genetically engineered derivative. *Environmental Progress & Sustainable Energy*, 36(2), 505–510. <https://doi.org/10.1002/ep.12444>
- Das, P., Soumen, M., C., S., & Ramkrishna, S. (2010). Microbial surfactants of marine origin: Potentials and prospects. *Advances in Experimental Medicine and Biology*, 672, 88–101. https://doi.org/10.1007/978-1-4419-5979-9_7
- Des W. Connell, G. J. M. (1995). *Kimia dan Ekotoksikologi Pencemaran*. Universitas Indonesia Press.
- Dey, S., Botta, S., Kallam, R., Angadala, R., & Andugala, J. (2021). Seasonal variation in water quality parameters of Gudlavalleru Engineering College pond. *Current Research in Green and Sustainable Chemistry*, 4, 100058. <https://doi.org/10.1016/j.crgsc.2021.100058>
- Dirjen P2PL. (2012). *Pedoman Analisis Risiko Kesehatan Lingkungan (Guidance on Environmental Health Risk Analysis)*.
- Dubey, D. V. (2012). Effect of Detergent Use on Water Quality in Rewa City of M.P. (India). *IOSR Journal of Applied Chemistry*, 1(4), 28–30. <https://doi.org/10.9790/5736-0142830>
- Dwi Urip Wardoyo, Nanda Daru Ramdhani, & Ruhuphy Ramadhan. (2022). Pengaruh Solvabilitas, Kepemilikan Institusional, dan Analisis Independen terhadap Pengungkapan Manajemen Risiko. *Jurnal Cendekia Ilmiah*, 1(2), 57–64. <https://doi.org/10.56799/jceki.v1i2.128>



- Effendi, H. (2003). *Telaah Kualitas Air: Bagi Pengelolaan Sumber Daya dan Lingkungan Perairan*. Kanisius.
- Faisal, M., & Atmaja, D. M. (2019). Kualitas Air Pada Sumber Mata Air Di Pura Taman Desa Sanggalangit Sebagai Sumber Air Minum Berbasis Metode Storet. *Jurnal Pendidikan Geografi Undiksha*, 7(2), 74–84. <https://doi.org/10.23887/jjpg.v7i2.20691>
- Fajriah, N., Alawiyah, T., & Wusko, I. U. (2020). ANALISIS KADAR SURFAKTAN ANIONIK (Deterjen) PADA AIR SUNGAI BARITO MENGGUNAKAN METODE SPEKTROFOMETRI VISIBLE. *Journal of Pharmaceutical Care and Science*, 1(1), 55–61.
- Faumi, R., & Radhi, M. (2019). Pengaruh Limbah Detergen terhadap Kesehatan Ikan. *Jurnal Iktiologi Indonesia*, 18(3), 1–3.
- Garcia, M. T., Kaczerewska, O., Ribosa, I., Brycki, B., Materna, P., & Drgas, M. (2016). Biodegradability and aquatic toxicity of quaternary ammonium-based gemini surfactants: Effect of the spacer on their ecological properties. *Chemosphere*, 154, 155–160. <https://doi.org/10.1016/j.chemosphere.2016.03.109>
- Hakanson. (1980). Ecological Risk Index for Aquatic Pollution Control. *A Sedimentological*.
- Herlambang, A. (2018). PENYEDIAAN AIR BERSIH BERBASIS KELEMBAGAAN DAN MASYARAKAT Studi Kasus Di Kepulauan Pangkajene, Sulawesi Selatan. *Jurnal Air Indonesia*, 3(2), 136–145. <https://doi.org/10.29122/jai.v3i2.2334>
- Herlina Roseline, Iwan Kridasantausa, W. (2009). Kajian Pemanfaatan Irigasi Air Tanah Pada Sawah Tadah Hujan Tanaman Padi Metode Sri Di Desa Girimukti , Kabupaten Bandung Barat, Provinsi Jawa Barat. *Magister Pengelolaan Sumber Daya Air, Institut Teknologi Bandung*, 7, 1–15.
- Hidayat, H., La Taha, L. T., & Dewi B, S. B. (2022). ANALISI RISIKO PAJANAN TIMBAL (Pb) DALAM KERANG PADA MASYARAKAT DI WILAYAH PESISIR PANTAI GALESONG DESA PALALAKKANG KEC. GALESONG KAB. TAKALAR. *Sulolipu: Media Komunikasi Sivitas Akademika Dan Masyarakat*, 22(2), 219. <https://doi.org/10.32382/sulolipu.v22i2.2902>
- Hisprastin, Y., & Musfiroh, I. (2020). Ishikawa Diagram dan Failure Mode and Effect Analysis (FMEA) sebagai Metode yang Sering Digunakan dalam Manajemen Risiko Mutu di Industri. *Majalah Farmasetika*, 6(1), <https://doi.org/10.24198/mfarmasetika.v6i1.27106>
- I., Said, A., Al mamun, M., & Islam, N. (2018). Prevalence and



risk factors of malnutrition among primary school children from 1998-2017: A systematic review and meta-analysis. *Journal of Genus HomoHomo*, 1(1), 1–19.

Invally, K. and Ju, L. (2017). Biolytic effect of rhamnolipid biosurfactant and dodecyl sulfate against phagotrophic alga ochromonas danica. *Journal of Surfactants and Detergents*, 20(5), 1161–1171. <https://doi.org/10.1007/s11743-017-2005-1>

IVANKOVIĆ, Tomislav; HRENOVIĆ, J. (2021). *Surfactants in the Environment. March 2010*. <https://doi.org/10.2478/10004-1254-61-2010-1943>

Khamidulina Kh., P. A. . (2022). About Measures To Reduce The Risk Of Cyanotoxins Exposure To The Health Of Population By Regulating Phosphates In Synthetic Detergents. *Toxicological Review, Vol (3)*, 3–8. <https://doi.org/10.36946/0869-7922-2020-3-3-8>

Khoerussani, F. (2014). No Title. *Analisis SungaiCiliwung Di Segmen Kota Bogor*.

Kosswig, Kurt. Hüls AG, Marl, F. R. of G. (2012). Surfactants - Ullman's. *Wiley. Ullman's Encyclopedia of Industrial Chemistry*. <https://doi.org/10.1002/14356007.a25>

Lara-Martín, P. A., Li, X., Bopp, R. F., & Brownawell, B. J. (2010). Occurrence of alkyltrimethylammonium compounds in urban estuarine sediments: behentrimonium as a new emerging contaminant. *Environmental Science & Technology*, 44(19), 7569–7575. <https://doi.org/10.1021/es101169a>

Larasati, N. N., Wulandari, S. Y., Maslukah, L., & Zainuri, M. (2021). *Kandungan Pencemar Detejen Dan Kualitas Air Di Perairan Muara Sungai Tapak , Semarang. 03*.

Legasari, L., Noviarni, N., Wijayanti, F., Oktaria, M., & Miarti, A. (2023). Analisis Kadar Fosfat Pada Air Sungai Menggunakan Spektrofotometri Uv-Vis. *Jurnal Redoks: Jurnal Pendidikan Kimia Dan Ilmu Kimia*, 6(2), 59–64. <https://doi.org/10.33627/re.v6i2.1227>

Manurung, M. B., Edhi, T., Soesilo, B., Suryawan, I. W. K., Masni, I., & Sianipar, J. (2022). *Jurnal Presipitasi Health Risk Analysis of Detergent Contamination in Communities on Kodingareng Lompo Island , Makassar City. 19(2)*, 426–435.



h, U., & Rengganis, E. (2020). Analisi Kelayakan Industri Deterjen ak dengan Menggunakan Financial Accounting. *Conference JATIK STT Adisutjipto Yogyakarta*, 6, 305–314. [s://doi.org/10.28989/senatik.v6i0.421](https://doi.org/10.28989/senatik.v6i0.421)

- Mesnage, R., & Antoniou, M. N. (2018). Ignoring Adjuvant Toxicity Falsifies the Safety Profile of Commercial Pesticides. *Frontiers in Public Health*, 5(January), 1–8. <https://doi.org/10.3389/fpubh.2017.00361>
- Mikó, Z., & Hettyey, A. (2023). Toxicity of POEA-containing glyphosate-based herbicides to amphibians is mainly due to the surfactant, not to the active ingredient. *Ecotoxicology*, 32(2), 150–159. <https://doi.org/10.1007/s10646-023-02626-x>
- Minareci, O., Öztürk, M., Egemen, Ö., & Minareci, E. (2009). *Detergent and phosphate pollution in Gediz River* ,. 8(15), 3568–3575. <https://doi.org/10.5897/AJB09.167>
- Mitrano, Denise M., et al. (2014). Presence of nanoparticles in wash water from conventional silver and nano-silver textiles. *ACS Nano*, Vol 8(7), 7208–7219. <https://pubs.acs.org/doi/abs/10.1021/nn502228w>
- Miura, K., Nishiyama, N., & Yamamoto, A. (2008). *Surfactants*. 170(3), 161–170.
- Mudrifah, M., & Wisyastuti, A. (2021). Penguatan Karakteristik SDM dalam Implementasi Manajemen Berbasis Risiko di Lazis Muhammadiyah (LazisMu) Kabupaten Malang. *Jurnal Pengabdian Nasional (JPN) Indonesia*, 2(1), 19–27. <https://doi.org/10.35870/jpni.v2i1.26>
- Mukherjee, S., Edmunds M. B. S., Lei X., Ottaviani M. F., Ananthapadmanabhan K. P., & T. N. J. (2010). Steric acid Delivery to Corneum from a Mild and Moisturizing Cleanser, Wiley Periodicals, INC. *Journal of Cosmetic Dermatology*, 202–210.
- Mulyaningsih, T. R., & Suprpti, S. (2015). Penaksiran Kontaminasi Logam Berat Dan Kualitas Sedimen Assessment of Heavy Metal Contamination and Sediment Quality in the Cimadur River , Banten. *GANENDRA Majalah IPTEK Nuklir*, 18(1), 11–21.
- Ndani Lewi Puji Lestari Mrata. (2016). *Penentuan Kadar Senyawa Fosfat Di Sungai Way Kuripan Dan Way Kuala Dengan Spektrofotometri Uv-Vis*.
- Nugraha, M. A., Pamungkas, A., Syari, I. A., Sari, S. P., Umroh, U., Hudatwi, M., Utami, E., Akhrianti, I., & Priyambada, A. (2022). Penilaian Pencemaran Logam Berat Cd, Pb, Cu, dan Zn pada Sedimen Permukaan Perairan Matras, Sungailiat, Bangka. *Jurnal Oseanografi Tropis*, 25(1), 70–78. <https://doi.org/10.14710/jkt.v25i1.12317>
- sari, C. I.; L. A. L. O. A. N. R. (2018). *Jurnal Aplikasi Fisika. Analisis Penurunan Kadar Besi (Fe) Dan Mangan (Mn) Dalam Air*



Sumur Gali Dengan Metode Aerasi Filtrasi Menggunakan Aerator Sembur/Spray Dan Saringan Pasir Cepat, 14(2), 45–55.

Prasetyo, M., Mallongi, A., & Amqam, H. (2020). Analisis Risiko pada Pedagang Pisang Epe Akibat Paparan Gas No2 di Jalan Penghibur Kota Makassar. *Hasanuddin Journal of Public Health, 1(1)*, 71–82. <https://doi.org/10.30597/hjph.v1i1.9514>

Pungut, P., Al Kholif, M., & Pratiwi, W. D. I. (2021). Penurunan Kadar Chemical Oxygen Demand (Cod) Dan Fosfat Pada Limbah Laundry Dengan Metode Adsorpsi. *Jurnal Sains & Teknologi Lingkungan, 13(2)*, 155–165. <https://doi.org/10.20885/jstl.vol13.iss2.art6>

Raharjo Arif Setyo. (2004). Study Pengelolaan Air Minum Isi Ulang Pada Depot Air Minum Isi Ulang Pada Depot Air Minum Isi Ulang di Kabupaten Banyumas Tahun 2004. *JKL Mataram*.

Rahman, A. (2007). Public Health Assessment: Model Kajian Prediktif Dampak Lingkungan dan Aplikasinya untuk Manajemen Risiko Kesehatan. *Public Health Assessment, April*, 1–21.

Ramadita, F. ; N. A. R. L. H. & I. F. M. (2014). *Studi Kualitas Bakteriologis Air Sumur Gali pada Kawasan Permukiman Menggunakan Biosensor TECTA TM B16 (Studi Kasus: Dusun Blimbingsari dan Dusun Wonorejo, Kabupaten Sleman Yogyakarta) Fadilah Ramadita 1) ; Noveriza Agrista Risky 1) ; Luqman Hakim 1) dan. 6, 38–47.*

Ríos, F., Lechuga, M., Lobato-Guarnido, I., & Fernández-Serrano, M. (2023). Antagonistic Toxic Effects of Surfactants Mixtures to Bacteria *Pseudomonas putida* and Marine Microalgae *Phaeodactylum tricorutum*. *Toxics, 11(4)*. <https://doi.org/10.3390/toxics11040344>

Rosen, M. J. (2004). *Surfactants and interfacial phenomena*.

Rosihan, Adhani and Husaini, H. (2017). *Logam Berat Sekitar Manusia*. Pustaka Buana.

Roy L. Smith. (1995). EPA Region III Risk-Based Concentration Table Background Information. *Unites States Environmental Protection Agency*, 1–21.

Sabli, T. E., & Zahrah, S. (2015). Reduksi kandungan fosfat dalam air limbah deterjen menggunakan sistem rawa bambu reduction of phospat contens in waste water detergent using swamp bamboo em. *Jurnal Dinamika Pertanian, XXX No. 2(Pertanian)*, 8.

(2002). *Surfactants Types and Uses. 2.*

S. (2009). *Jurnal Jurnal Skbi. 4(1)*, 260–264.



- Setiawan, I. (2020). Pengembangan Prototipe Aplikasi Manajemen Risiko Berbasis ISO 31000. *Matrix: Jurnal Manajemen Teknologi Dan Informatika*, 10(1), 26–33. <https://doi.org/10.31940/matrix.v10i1.1817>
- Siswati, & Diyanah, K. C. (2022). Analisis Risiko Paparan Debu (Total Suspended Particulate) Di Unit Packer Pt. X. *Jurnal Kesehatan Lingkungan*, 9(1), 100–110. <https://e-journal.unair.ac.id/JKL/article/download/9179/5168/30137>
- Subhan, M., Birawida, A. B., & Hatta, M. (2020). Analisis Risiko Kesehatan Konsentrasi Deterjen Dalam Air Baku Untuk Air Minum Terhadap Masyarakat di Pulau Barrang Lompo Kota Makassar. *Jurnal Akademika*, 17(1), 25–30.
- Sugiyono. (2007). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Alfabeta.
- Sukarjo, S., Zulaehah, I., Harsanti, E., & Ardiwinata, A. (2021). Penilaian Spasial Potensi Risiko Ekologis Logam Berat di Lapisan Olah Tanah Sawah DAS Serayu Hilir, Jawa Tengah. *Jurnal Tanah Dan Iklim*, 45(1), 69. <https://doi.org/10.21082/jti.v45n1.2021.69-77>
- Sulistia, S., & Septisya, A. C. (2020). Analisis Kualitas Air Limbah Domestik Perkantoran. *Jurnal Rekayasa Lingkungan*, 12(1), 41–57. <https://doi.org/10.29122/jrl.v12i1.3658>
- Sundra, I. K. (2016). Kualitas Air Bawah Tanah Di Wilayah PesisirKabupaten Badung. *Ecotrophic*, 01(02), 1–13.
- Terminology, I. R. A. (2014). Risk Assessment Terminology. *Chemistry International -- Newsmagazine for IUPAC*, 23(2). <https://doi.org/10.1515/ci.2001.23.2.34>
- Trimadya, N. M., Hardjomidjojo, H., & Anggraeni, E. (2018). Sistem Manajemen Risiko Kontaminasi Pada Rantai Pasok Pangan (Studi Kasus : Susu Pasteurisasi). *Jurnal Teknologi Industri Pertanian*, 28(2), 162–170. <https://doi.org/10.24961/j.tek.ind.pert.2018.28.2.162>
- Tungka, A. W., Haeruddin, H., & Ain, C. (2017). KONSENTRASI NITRAT DAN ORTOFOSFAT DI MUARA SUNGAI BANJIR KANAL BARAT DAN KAITANNYA DENGAN KELIMPAHAN FITOPLANKTON Harmful Alga Blooms (HABs) Concentration of Nitrate and Orthophosphate at Banjir Kanal Barat Estuary and their Relationship with the Abundanc. *SAINTEK PERIKANAN : Indonesian Journal of Fisheries Science and hnology*, 12(1), 40. <https://doi.org/10.14710/ijfst.12.1.40-46>
- (2006). *Regional Screening Level (RSL) Subchronic Toxicity Reporting Table May 2006*. 30560. <https://semspub.epa.gov/work/HQ/404091.pdf>



- USEPA - U.S. (2005). *Environmental Protection Agency. Guidelines for carcinogen risk assessment. March.*
http://www.epa.gov/sites/production/files/2013-09/documents/cancer_guidelines_final_3-25-05.pdf
- Waluyo, L. (2009). *Mikrobiologi Lingkungan*. Universitas Muhammadiyah Malang Press.
- Wulan Trimurti Sukia. (2016). *ANALISIS KUALITAS AIR SUMUR MASYARAKAT KELURAHAN LALOLARA KECAMATAN KAMBU.*
- Wulandari, N., Perwira, I. Y., & Ernawati, N. M. (2021). *Profil Kandungan Fosfat pada Air di Daerah Aliran Sungai (DAS) Tukad Ayung , Bali.* 115, 108–115.
- Yoewono, J. O., & Prasetyo, A. H. (2022). Rancangan Dan Proses Manajemen Risiko Pada Pt Surya Selaras Cita. *Jurnal Muara Ilmu Ekonomi Dan Bisnis*, 6(1), 56.
<https://doi.org/10.24912/jmieb.v6i1.12207>
- Yuan, C. L., Xu, Z. Z., Fan, M. X., Liu, H. Y., Xie, Y. H., & Zhu, T. (2014). Estudio sobre las características y el daño de los tensioactivos. *Journal of Chemical and Pharmaceutical Research*, 6(7), 2233–2237.

