



SKRIPSI
PRARANCANGAN PABRIK KIMIA DISODIUM FOSFAT DIHIDRAT
DARI ASAM FOSFAT DAN NATRIUM KARBONAT
KAPASITAS 40.000 TON/TAHUN

DAFTAR PUSTAKA

- Badan Pusat Statistik. (2024). *Statistik perdagangan dan industri Indonesia*. Diakses 20 Oktober 2024, dari <https://www.bps.go.id>
- Barin, I., Knacke, O., & Kubaschewski, O. (1977). *Thermochemical properties of inorganic substances: Supplement*. Berlin: Springer-Verlag.
- CHEMCAD. (2025). *Thermodynamic and process simulation database*. Data diambil 12 Desember 2025, dari <https://www.chemstations.com>
- Coleman, J. H. (1934). *Process for producing phosphates* (U.S. Patent No. US1969936A). United States Patent Office.
- Faith, W. L., Keyes, D. B., & Clark, R. L. (1975). *Industrial chemicals* (4th ed.). New York: Wiley.
- Fischer, K. (2012). *Industrial applications of phosphates and phosphate compounds*. Berlin: Springer.
- George, E. Taylor. (1942). *Method for phosphate manufacture* (U.S. Patent No. US2284207A). United States Patent Office.
- Global Asset Protection Services. (2001). *Engineering and fire protection guidelines for chemical industries*. Diakses dari <https://www.globalassetsprotection.com>
- Java Integrated Industrial and Port Estate. (2024). *Profil kawasan industri JIPE*. Diakses 19 Desember 2024, dari <https://www.jiipe.com>
- Katadata.co.id. (2024). *Data industri dan ekonomi Indonesia*. Diakses 2 November 2024, dari <https://katadata.co.id>
- Keyes, D. B. (1975). *Chemical engineering calculations and thermodynamics*. New York: McGraw-Hill.
- Kirk, R. E., & Othmer, D. F. (1982). *Encyclopedia of chemical technology* (3rd ed.). New York: Wiley.
- Kwan, T. H. (2014). *Phosphate production and processing technology*. Singapore: Elsevier.



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- Made-in-China.com. (2024). *Industrial equipment and chemical product marketplace*. Diakses 20 Oktober 2024, dari <https://www.made-in-china.com>
- Merck. (2024). *Chemical product specifications and safety information*. Diakses 12 Desember 2025, dari <https://www.merckmillipore.com>
- MSDS. (2025). *Material Safety Data Sheet of chemical substances*. Diakses 12 Desember 2025.
- National Center for Biotechnology Information. (2022). *PubChem compound summary database*. Diakses 18 Oktober 2024, dari <https://www.ncbi.nlm.nih.gov>
- NIST Chemistry WebBook. (2025). *Thermophysical and thermochemical data*. Diakses 12 Desember 2025, dari <https://webbook.nist.gov>
- Pemerintah Kabupaten Gresik. (2024). *Kabupaten Gresik (Geografi)*. <https://gresikkab.go.id/info/geografi>
- Peters, M. S., & Timmerhaus, K. D. (1991). *Plant design and economics for chemical engineers* (4th ed.). New York: McGraw-Hill.
- Perry, R. H., & Green, D. W. (2008). *Perry's chemical engineers' handbook* (8th ed.). New York: McGraw-Hill.
- Sarto, & Alamsyah. (2007). *Kinetika reaksi pembuatan di-kalium phosphate dari asam phosphate dan kalium karbonat*. Yogyakarta: Universitas Gadjah Mada.
- ScienceLab.com. (2008). *Chemical safety and properties database*. Diakses 18 Oktober 2024, dari <https://www.sciencelab.com>
- Schrödter, K., Bettermann, G., Staffel, T., Wahl, F., Klein, T., & Hofmann, T. (2008). Phosphoric acid and phosphates. In *Ullmann's encyclopedia of industrial chemistry*. Weinheim: Wiley-VCH.
- Sigma-Aldrich. (2024). *Chemical product catalog and specifications*. Diakses 12 Desember 2025, dari <https://www.sigmaaldrich.com>
- UMich. (2026). *Chemical engineering resources*. Diakses 20 Desember 2026, dari <http://umich.edu/>



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UN Comtrade. (2024). *United Nations international trade statistics database*.

Diakses 20 Oktober 2024, dari <https://comtradeplus.un.org>

Ullmann, F. (1999). *Ullmann's encyclopedia of industrial chemistry* (6th ed.)

Weinheim: Wiley-VCH.

www.itokindo.com. (2025). *Data sifat fisik dan kimia bahan kimia industri*.

Diakses 12 Desember 2025, dari <http://www.itokindo.org>

Yaws, C. L. (1999). *Yaws' Handbook of Thermodynamic and Physical Properties of Chemical Compounds* (1st ed.). The McGraw-Hill Companies, Inc.

