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## Iupac naming guide

The use of a standardized vocabulary is essential for smooth communication within the chemical sector, as well as for regulatory purposes connected with trade and safety procedures. The International Union of Pure and Applied Chemistry (IUPAC) provides guidelines on various aspects of nomenclature. A collection of Brief Guides, coordinated by Division VIII, offers an overview of fundamental principles in organic, inorganic, and polymer nomenclature. These guides are accessible below. Organic Nomenclature A brief guide to the naming conventions in organic chemistry was first published in PAC 92(3), pp. 527-539 (2020). It has since been updated [PDF] and is available with translations on a dedicated project page. Inorganic Nomenclature An introduction to the nomenclature of inorganic compounds was initially released in PAC 87(9-10), 1039-1049 (2015) < . This resource has also undergone revisions, including an update published in Nov 2017 [PDF]. Access further updates and translations via the relevant project page. Polymer Nomenclature A Brief Guide to Polymer Nomenclature was first presented in PAC 84(10), pp. 2167-2169 (2012); . You can find a downloadable PDF document on this subject; for updates and translations, check the project page here. For comprehensive details, consult the IUPAC Color Books, which include The Blue Book for organic chemistry nomenclature; The Red Book for inorganic compounds; and The Purple Book for polymers. An overview of chemical naming conventions is provided in Principles of Chemical Nomenclature. Each project has its own update page with translations; see also . Other briefs and references IUPAC has published a guide to polymerization terminology [PDF] in 2022, along with another on polymer characterization [2023]. A concise summary of Quantities, Units, and Symbols in Physical Chemistry is available as part of the IUPAC Green Book. Additionally, you can access a brief guide to NPU terminology in the eHealth domain within the Silver Book. The Society for Biotechnology, Bioengineering and Computational Biology (SBBCEB) maintains various books on chemical nomenclature, including The Red Book for inorganic compounds and The Purple Book for polymers. For an overall summary of chemical nomenclature, refer to Principles of Chemical Nomenclature. Check the project pages for updates and translations, as well as . Additionally, A Brief Guide to Polymerization Terminology was published in PAC in 2022 ( , with a two-sided PDF document available for reprinting. Another guide, A Brief Guide to Polymer Characterization, was published in PAC in 2023. The IUPAC Green Book also features a concise summary of Quantities, Units, and Symbols in Physical Chemistry on its 4-page summary. Furthermore, the Silver Book (NPU terminology in eHealth domain) has a corresponding concise summary available as a PDF.

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