

## Chapter 4 Organic Compounds Springer

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This chapter discusses some of the major groups of contaminants that are classified as organic substances. The first category discussed is pesticides; this group is further divided into many... Organic Compounds | SpringerLink

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Cite this chapter as: Scholz E. (1984) Organic Compounds. In: Karl Fischer Titration. Chemical Laboratory Practice. Springer, Berlin, Heidelberg

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DePierre JW (2003) Mammalian toxicity of organic compounds of bromine and iodine. Handb Environ Chem 3:205–251. doi: 10.1007/b11992 Google Scholar DeShon ND (1979) Carbon tetrachloride.

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Chapter 1 contains tables of values for standard enthalpies of formation derived from experimental data for approximately 3000 organic compounds of the elements C, H, O, N, S and halogens; Chapters 2 to 4 describe a simple scheme for predicting unknown values of standard enthalpies of formation.

**Thermochemical Data of Organic Compounds | J. B ... - Springer**  
Blumer M (1970) Dissolved organic compounds in seawater. Saturated and olefinic hydrocarbons and singly branched fatty acids. In: Hood DW (ed) Organic matter in natural waters. Publication no. 1. Institute of Marine Science, University of Alaska, pp 153–167 Google Scholar

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Organic chemistry is the study of the properties, structure, and function of compounds containing carbon. Arguably the most complex and mysterious of the specialized areas of chemistry, organic chemistry often requires years of both practical and theoretical study to master.

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Abstract. Historically, organic chemicals were those hydrocarbons and hydrocarbon derivatives from animal or plant origins, in contrast to inorganic compounds with a mineral origin. The distinction between organic and inorganic classes of chemical substances remains even though many organic and inorganic compounds are manufactured synthetically.

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For much of this century production and usage of explosives and propellants have been responsible for release to the environment of a variety of energetic organic nitro compounds. This chapter covers the compounds of greatest importance; their uses are indicated and methods for their manufacture or laboratory synthesis are summarized.

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The US sediments are contaminated with toxic compounds and elements related to past and present wastewater discharges and runoff. These include nonpoint and stormwater runoff and groundwater discharges, whose character has changed over the years along with the evolution of its watershed and industrial history.

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Chapter Two and Table 4-1 of this section for sample containers, sample preservation, and sample holding time information. Volatile organics ... Soak with an oxidizing agent to destroy traces of organic compounds; February 2007. a 4. a. Prior to employing the methods in this chapter, analysts are advised to consult the ...

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**Diamagnetic bulk susceptibility data of C10H13NSO4 ...**  
Chapter 1 Organic Compounds: Alkanes 2 Organic chemistry nowadays almost drives me mad. To me it appears like a primeval tropical forest full of the most remarkable things, a dreadful endless jungle into which one does not dare enter, for there seems to be no way out. Friedrich Wöhler.

**Chapter 1 Organic Compounds: Alkanes**  
Therefore, the IUPAC name of the given compound is 1-bromo-4-ethylcyclodecane. (e) The structure of the cycloalkanes is as follows; The IUPAC name for the compound is written as follows: Here, the cycloalkane contains six carbon atoms. Thus, its root name is cyclohexane.

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Hermens, J., Busser, F., Leeuwangh, P. and Musch, A. 1985a. Quantitative correlation studies between the acute lethal toxicity of 15 organic halides to the guppy (Poecilia reticulata) and chemical reactivity towards 4-nitrobenzylpyridine (4-NBP). Toxicol. Environ. Chem. 9: 219–236. CrossRef Google Scholar

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