

Inorganic Compound – Hợp Chất Vô Cơ

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Tóm tắt nội dung

[en] This text is a collection of problems, from easy to advanced, about *inorganic compound*, which is also a supplementary material for my lecture note on Elementary Chemistry, which is stored & downloadable at the following link: [GitHub/NQBH/hobby/elementary_chemistry/grade 9/lecture](https://github.com/NQBH/hobby/elementary_chemistry/grade_9/lecture)¹. The latest version of this text has been stored & downloadable at the following link: [GitHub/NQBH/hobby/elementary_chemistry/grade 9/inorganic compound](https://github.com/NQBH/hobby/elementary_chemistry/grade_9/inorganic_compound)².

Keyword. Inorganic compound.

[vi] Tài liệu này là 1 bộ sưu tập các bài tập chọn lọc từ cơ bản đến nâng cao về *phản ứng hóa học*, cũng là phần bài tập bổ sung cho tài liệu chính – bài giảng [GitHub/NQBH/hobby/elementary_chemistry/grade 9/lecture](https://github.com/NQBH/hobby/elementary_chemistry/grade_9/lecture) của tác giả viết cho Hóa Học Sơ Cấp. Phiên bản mới nhất của tài liệu này được lưu trữ & có thể tải xuống ở link sau: [GitHub/NQBH/hobby/elementary_chemistry/grade 9/inorganic compound](https://github.com/NQBH/hobby/elementary_chemistry/grade_9/inorganic_compound).

Từ khóa. Hợp chất vô cơ.

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1 Wikipedia/Inorganic Compound

“In chemistry, an *inorganic compound* is typically a **chemical compound** that lacks **carbon–hydrogen bonds**, i.e., a compound that is not an **organic compound**. The study of inorganic compounds is a subfield of chemistry known as *inorganic chemistry*.

Inorganic compounds comprise most of the **Earth’s crust**, although the compositions of the deep **mantle** remain active areas of investigation.

Some simple **carbon** compounds are often considered inorganic. Examples include the allotropes of carbon (**graphite**, **diamond**, **buckminsterfullerene**, etc.), **carbon monoxide**, **carbon dioxide**, **carbides**, & the following **salts** of inorganic **anions**: **carbonates**, **cyanides**, **cyanates**, & **thiocyanates**. Many of these are normal parts of mostly organic systems, including **organisms**; describing a chemical as inorganic does not necessarily mean that it does not occur within **living** things.” – [Wikipedia/inorganic compound](#)

See also:

- [Wikipedia/list of inorganic compounds](#).
- [Wikipedia/list of inorganic compounds by element](#).
- [Wikipedia/List of inorganic compounds named after people](#).
- [Wikipedia/list of inorganic reactions](#).

2 Wikipedia/Oxide

“An *oxide* is a **chemical compound** containing at least 1 **oxygen atom** & 1 other **element** in its **chemical formula**. “Oxide” itself is the **dianion** (anion bearing a net charge of -2) of oxygen, an O^{2-} ion with oxygen in the **oxidation state** of -2 . Most of the **Earth’s crust** consists of oxides. Even materials considered pure elements often develop an oxide coating. E.g., **aluminium foil** develops a thin skin of Al_2O_3 (called a **passivation layer**) that protects the foil from further **oxidation**.” – [Wikipedia/oxide](#)

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¹URL: https://github.com/NQBH/hobby/blob/master/elementary_chemistry/grade_9/NQBH_elementary_chemistry_grade_9.pdf.

²URL: https://github.com/NQBH/hobby/blob/master/elementary_chemistry/inorganic_compound/NQBH_inorganic_compound.pdf.