



Leaflets of compounds

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Objective

Help chemistry learners to look at chemical compounds through a various perspective intertwined with multiple lenses like history, art, trade, and interconnections with society, culture, environment, etc. Included few compounds covered in the past Indian National Chemistry Olympiad (INChO) Programme question papers.

Structure of Leaflets

History

Timeline in which the compound is introduced to the world plays important role in understanding how and when it has evolved as well as how its presence affected the existence of other materials over decades.

Properties

Information about chemical and physical properties of the compound insures its better use. Knowledge about hygroscopicity of compound helps in deciding its storage pattern.

Source

Natural resources - resources that are drawn from nature and used with few modifications. Geographical resources directs towards natural abundance of that compound.

Art

Covers diverse range of human activity and its resulting product, that involves creative or imaginative talent expressive of technical proficiency.

Discovery

Explains how the need/existence of this compounds might be fulfilled with the great inventions to mark their influences upon man.

Uses

wide variety of applications in the production of food, clothing, drugs, industrial substances, dyes etc.

Extraction

Principal method for isolating the compounds, focused on the theory and mechanism of different types of extraction process, the applications, the challenges in industry, and the cost of the process

Chemistry

Gives some glimpses of its structure. Information about functional groups present in the compound as well as reactions with some other chemicals is explored.

Do you know?

Some fun facts about the compound's history, presence, production, uses are covered under this caption. Also some terrifying facts about the compounds are listed.

References and further reading

Space constraints included few information for the leaflets. To learn more about the compounds, recommend to go through the reference and supplementary document containing additional information about each of these leaflets.

Targeted audience

Even though we have designed the leaflets keeping in mind chemistry learners from higher secondary and undergraduate students, these can be useful resources for anybody interested in learning about these compounds.

Further scope

In addition to English, the leaflets are available in two regional languages, Hindi and Marathi. Mission of translating these leaflets into other languages is under process, you are welcome for the contribution regarding translation of the content into other language.