

## Impact of the Organic Chemistry in Our Daily Life

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### Editorial Note

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### EDITORIAL NOTE

The use of organic compounds has simplified human life. The significance of organic compounds in daily life and industry can be stated in the following way. Food Vitamins, proteins, sugar, wheat, lipids and other organic molecules are all examples of organic compounds. To satisfy their needs, organic compounds are also employed. Organic chemicals are vital in agriculture for the expansion of agricultural productivity. Organic compounds include a variety of fertilisers and chemicals used in seed protection, such as gamoxine and insecticides. Chloromyctin, streptomycin, aspirin, chloroform, paracetamol, urotropin and other medications are examples of organic molecules and their production is limited to organic chemicals. Fabrics composed of silk, wool, cotton and other varieties of rayon, as well as noyolan terrylines, are organic compounds. Organic chemicals get only cosmetics cream, soap, paint, camphor, oil, perfume and other makeup and decoration products.

Organic Chemistry has a reputation for being a tough class and science to learn. Because organic chemistry necessitates a strong memory as well as a thorough grasp of biological and chemical principles, students sometimes become perplexed and upset when studying it. Despite the difficulties and obstacles that students face, organic chemistry teaches them about life and how the world works. It provides us a look into the intriguing but complex world of chemical reactions and organic molecule architectures and it opens the door to solving a slew of medical and environmental issues. It also has a significant impact on industrial applications and our daily lives. Exploring this field of knowledge is so worthwhile and a large number of scientists devote their whole lives to doing so.

However, widespread manufacturing without proper quality, condition and judicious application of chemicals, particularly in food processing, agriculture and other industries, has had a negative impact on nature and the environment, causing ozone layer depletion, global warming, water pollution and pesticide residues in food and water, which can harm natural ecosystems. Any substance in an unfavourable amount will disrupt the ecosystem's equilibrium. It is critical to be informed of appropriate chemical education in order to safeguard our environment and survival. Chemical education will assist us in understanding the actual nature of stuff. We must have adequate instruction from nature if we want to understand chemistry correctly. The fast expansion of the human population has put strain on natural resources such as air, water, land and forests.

To achieve the goals of green chemistry and save the environment, we must utilise less harmful starting materials and solvents in chemical reactions. We also need to make better use of raw resources in order to reduce waste. The combustion of fossil fuels such as coal and oil produces enormous volumes of gases such as carbon monoxide, carbon dioxide, sulphur dioxide and nitrogen oxides in industry. During petroleum refining, coke ovens, dye production, tanning industries, rayon manufacturing facilities and other processes, hydrogen sulphide gas is produced.