

“ BENZENE”

BENZENE! BENZENE! BURNING
BRIGHT
BELCHING ENGINES DAY AND
NIGHT
WHAT IMMORTAL HAND OR EYE
COULD FRAME KEKULÉ'S
SYMMETRY?

WHO'D HAVE THOUGHT YOUR
CARBON SIX
COULD HAVE PRODUCED SUCH
TOXIC TRICKS
OR PROVIDE THE BUILDING
BLOCKS
FOR A PLASTIC WORLD (AND
CURE THE POX)?

AESTHETIC, PERFECT AROMATIC
SUBSTITUTES PRODUCE
CHROMATIC
DYES THAT BRIGHTEN EVERY
DAY.
THANK YOU MR FARADAY.

Гомельский государственный университет
имени Франциска Скорины

Студенческая газета кафедры английского
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INTERESTING FACTS

- ✓ Helium hydride - the first molecule in the universe.
- ✓ The new MicroED method determines the molecular structure of a substance in half an hour.
- ✓ Isotropic heat-conducting polymer obtained.
- ✓ A compound “cooling” is 30 times more effective than menthol from nutmeg.
- ✓ White phosphorus encased in a nanotube, turned into a “pink”.





Everything that surrounds us consists of atoms. Chemistry tells us how from the atoms of the same elements are formed different substances, with very different properties. Thanks to this science, people understood how to obtain various materials themselves, how to effectively use what nature gives us.

Modern industry uses the latest achievements of chemistry, making our lives easier, safer, more interesting.

ABOUT CHEMISTRY

Chemistry is an interesting and very complex science! From the very first centuries of its history, people tried to understand what the world is made of, whether there are invisible smallest particles, and how one substance turns into another. Many questions have been answered today, but there are many unknowns, and therefore even more interesting.



For many professions, chemistry is extremely important!

Such modern specialties as biotechnology, oil refining, ecology, molecular biology, pharmaceuticals require deep knowledge in this subject.

There are chemists who work in laboratories, conduct research and conduct experiments. There are specialists who work in production.

Without their help, many factories would have stopped their work.



Household chemicals

Of household chemical goods, detergents take the first place in terms of production and use, among which various soaps, washing powders and liquid detergents (shampoos and gels) are most popular.

Soaps are mixtures of salts (potassium or sodium) of unsaturated fatty acids.

CHEMISTRY IN EVERYDAY LIFE

Chemistry is used in various fields of human activity - medicine, agriculture, the production of ceramic products, varnishes, paints, automotive, textile, metallurgical and other industries. Chemistry is reflected in the daily life of a person primarily in various household chemicals, medicines, cosmetics, various plastic products, paints, adhesives, insect control agents, fertilizers ... The list goes on and on.

Products from polymers.

Products from polymers have found wide application in the daily life of mankind - these are all kinds of household accessories - kitchen utensils, bathroom items, household and household appliances, containers, storage, packaging materials ...

Cosmetics

The main products of cosmetic chemistry are various creams, lotions, face masks, hair and body masks, perfumes, toilet water, hair dyes, mascaras, hair and nail polishes ...

The main types of raw materials for the production of cosmetics are natural and synthetic animals, and vegetable fats, oils and waxes, hydrocarbons, vitamins and stabilizers.

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Главный редактор: Конанкова Елена Васильевна, студентка группы БИ – 11(б).

Корректор: Божок Ирина Александровна