



GREEN CHEMISTRY BOON TO PROTECT ECOSYSTEM IN THE WORLD

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Abstract

The term green chemistry was firstly introduced and used in 1991 by Paul T. Anastas in US. The Green chemistry is the new and rapid emerging branch of chemistry. At the beginning step green chemistry is considered as making a repair and reduce the damage of environment which is occurring by the man made material which is used by human beings in their day to day life. Hence it is called sustainable chemistry, where we can applying the innovative method in which renewable resources to make the healthy Environment around with us.

Keywords: Emista, Renewable, Hazardous.

Introduction

This is one of the most achievement of science and technology by the invention of green chemistry which has changed our life style with the application of this we can reduced the level of pollution on our planet and we make survive in healthy atmosphere, which was deprived us because of our own negligence. Green chemistry is defined by the environmental protection agency as it design of chemical products and processes which reduces the use of hazardous substances from the millions of the year human beings are habitants on this planet day to day he increases his population from the thousands of years he has engaging himself in sustainable invention of a new things for the improving their life and for betterment of new generation, in this process he totally forget that he has to be cutting his own neck, he invents a atomic energy, he is frequently uses the plastics he uses vehicles in large scale, as well as he using cell phones which will be spreads the hazardous rays in atmosphere, ultimately we are causing to the pollution of soil, pollution of air

pollution of water also the pollution of atmosphere. He himself invites a many diseases and incurable efficiency losses. Many of things we are using in our day to day life, we must ban right now, but nobody care about it, consequently we are continuously damages our environment at per seconds. This invention and use of green chemistry is really a boon to prevent the ecosystem of ours. To fulfill the needs of our large population we have establish millions of Industries for making a various prodns for completes of our demands each and every industry emitsa dangerous smokes and gases which is damages our environment. So by this cause the nature has changed its seasons we are looking in some kind, some places are suffering from heavy rains and some places are bearing the effects of draughts. Today this is the need to think the situation and to search a solution to protect our tomorrow.

Importance of green chemistry

1. To reducing Industrial waste and Improving the purity :- In the process of Scientific advancement the chemical Industries are directly responsible for many of the technological advancements that have emerged since 19th century. Green chemistry aims to minimize the environmental Impact of The chemical Industry. Where all types of waste is trying to renew as possible. There is first priority to safety and improving energy efficiency as well as mostly minimize the eliminating toxic waste. The chemical Industryfaces a number of significant challenges, from reducing its dependence on fossil fuels to Playing its part in addressing climate change more significantly.

2. Cleaner air:- It will be helpful to less release of hazardous chemicals to air leading to less damage to the human bodies as well as living animals. Many of Industries are opening their smokes in air and it will directly make air pollution continuously hence it is now required to make a filtration of the smokes. But now it is possible to minimize their direct effect..
3. Protect environmental Balance:- Many chemicals end up in the environment by intentional release during in the production process. Plants and animals suffer less harm from toxic chemicals in environment It will help to lower potential for global warming, and ozone depletion. Less chemical disruption of eco system.

Conclusions

Many people now join in this process to minimize the disadvantages of chemical wastage. The people who participated in the survey have provided evidence that the byproduct of modern life pervades our air, water & food. However, based on these findings we draw the following conclusion

- 1) People are routinely exposed to many hazardous chemicals :- All the chemical groups surveyed were people detected in the bodies involving various chemical reactions
- 2) These chemicals potentially serious threat Human health :- While more needs to be learned about the health effects of chemicals in humans. Medically it is proven that these are harmful to the health of adults, children & even unborn child.

Recommendation

To prevent pollution many of government agencies work comprehensive safer chemical policies at the state & federal level. Together these reforms will revitalize our toxic dependent economy through green chemistry.

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