



Organophosphate

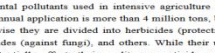
An organophosphate (OP) or phosphate ester is the general name for esters of phosphoric acid. OPs are one of the most important biochemicals, including DNA, and are of the cofactors essential for life. Organophosphates are the basis of many insecticides and herbicides. The United States Environmental Protection Agency lists organophosphates as highly acutely toxic to bees, wildlife, and humans. Recent studies suggest a possible link between OPs and the neurobehavioral development of fetuses and children, even at very low exposure. Organophosphates are widely used as solvents, plasticizers.



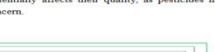
Pathways for OPs in the environment:




Pathways for OPs in the environment:




Pathways for OPs in the environment:



Pathways for OPs in the environment:



Pathways for OPs in the environment:



Database

Descriptive Data

Numerical Data

Higher Plants: Effects, Indicator, Remediation

Bryophytes: Effects, Indicator, Remediation

Pteridophytes: Effects, Indicator, Remediation

Lichens: Effects, Indicator, Remediation

References

Patents



Awareness Programme by NBRI-ENVIS Centre