## LIST OF BANNED PERSISTENT ORGANIC POLLUTANTS (POPs)

Stockholm Convention of 2001 had 12 numbers of POPs banned worldwide with the twelve (12) being referred to as "12 Dirty Dozen"with took effect from 2004

In 2009, through the Conference of Parties (COP Meetings), another nine POPs were listed as banned chemicals and they were referred to as "Nasty Nine"effective 2010. In May 2011, another chemical was listed as banned POPs, while in April 2013, one other chemical was also listed as banned POPs effective November, 2014. A total of 23 chemicals were thus banned till date.

| S/N | BANNED POPs | SOURCES | YEAR <br> BANNED |
| :---: | :---: | :---: | :---: |
|  | '12 Dirty Dozen' |  |  |
| 1. | Aldrin | Pesticide | 2001 |
| 2. | Chlordane | Pesticide | 2001 |
| 3. | Dieldrin | Pesticide | 2001 |
| 4. | Endrin | Pesticide | 2001 |
| 5. | Heptachlorine | Pesticide | 2001 |
| 6. | Hexachlorobenzene (HCB) | Product from burning byproducts from production of other chemical | 2001 |
| 7. | Mirex | Additive in plastics and Rubber for the reduction of burning rate | 2001 |
| 8. | Toxaphane |  | 2001 |
| 9. | DDT | Pesticide | 2001 |
| 10. | Polychlorinated Biphenyls (PCBs) | Oils in heat exchangers, transformer, capacitor, as additives in paints and plastics, carbonless copy (burning process paper). | 2001 |
| 11. | Dioxin | Burning process | 2001 |
| 12. | Furan | Burning process | 2001 |


| 'NASTY ${ }^{\prime}{ }^{\prime}$ |  |  |  |
| :---: | :---: | :---: | :---: |
| 13. | a-Hexachlorocyclohexane | Pesticides byproducts | 2009 |
| 14. | $\beta$-Hexabromobiphenyl | Pesticides | 2009 |
| 15. | Chlorordecane | Pesticides | 2009 |
| 16. | Hexabromobiphenyl | Industrial Chemical Substances | 2009 |
| 17. | Hexabromobiphenylether | Industrial Chemical Substances | 2009 |
| 18. | Heptabromobiphenylether |  | 2009 |
| 19. | Lindane | Pesticide (Head Lice Scabies) | 2009 |
| 20. | Pentachlorobenzene | Pesticide | 2009 |
| 21. | Tetrabromodiphenylether\&Pentabromodiphenylether | Industrial Chemical Substances | 2009 |
| Conference of Parties (COP), May 2011 |  |  |  |
| 22. | Endosulfam and its Isomers | Pesticides/Insecticides | 2011 |
| Conference of Parties (COP) 2014 (banned April 2013, but effective November 2014) |  |  |  |
| 23. | Hexabromocyclodecane (HBCD) | Fire Retardant | 2014 |

