## 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   |
|-----|----------------------------------|--|--------|
|     |                                  |  | 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<br>byproducts from<br>production of other<br>chemical   | 2001   |
| 7.  | Mirex                            | Additive in plastics and<br>Rubber for the reduction<br>of burning rate  | 2001   |
| 8.  | Toxaphane                        |  | 2001   |
| 9.  | DDT                              | Pesticide  | 2001   |
| 10. | Polychlorinated Biphenyls (PCBs) | Oils in heat exchangers,<br>transformer, capacitor, as<br>additives in paints and<br>plastics, carbonless copy<br>(burning process paper). | 2001   |
| 11. | Dioxin                           | Burning process  | 2001   |
| 12. | Furan                            | Burning process  | 2001   |

| 'NAS | STY 9'   |                                   |          |
|------|--|-----------------------------------|----------|
| 13.  | a -Hexachlorocyclohexane                                     | Pesticides byproducts             | 2009     |
| 14.  | β- Hexabromobiphenyl   | Pesticides                        | 2009     |
| 15.  | Chlorordecane  | Pesticides                        | 2009     |
| 16.  | Hexabromobiphenyl  | Industrial Chemical<br>Substances | 2009     |
| 17.  | Hexabromobiphenylether                                       | Industrial Chemical<br>Substances | 2009     |
| 18.  | Heptabromobiphenylether                                      |                                   | 2009     |
| 19.  | Lindane  | Pesticide (Head Lice<br>Scabies)  | 2009     |
| 20.  | Pentachlorobenzene   | Pesticide                         | 2009     |
| 21.  | Tetrabromodiphenylether&Pentabromodiphenylether              | Industrial Chemical<br>Substances | 2009     |
| Conf | erence of Parties (COP), May 2011                            |                                   | <u> </u> |
| 22.  | Endosulfam and its Isomers                                   | Pesticides/Insecticides           | 2011     |
| Conf | Ference of Parties (COP) 2014 (banned April 2013, but effect | ive November 2014)                | <u> </u> |
| 23.  | Hexabromocyclodecane (HBCD)                                  | Fire Retardant                    | 2014     |