

POPs Pesticides

There are 9 pesticides namely Aldrin, Chlordane, Dieldrin, Endrin, Heptachlor, Mirex, Toxaphene, DDT and Hexachlorbenzene (HCB). Specific uses of these pesticides are listed below:

Name of pesticide	Specific uses	Remarks
Aldrin	Used to control soil insects such as termites, corn rootworm, wireworms, rice water weevil, grass hoppers etc. and also to protect wooden structures from termites.	IARC - Group 3 (not classifiable as to be carcinogenic in humans)
Chlordene	Used as insecticides on agricultural crops including vegetables, small grains, maize, oilseeds, potatoes, sugarcane, sugar beets, fruits, nuts, cotton and jute, and also to control termites	IARC - Group 2B (possibly carcinogenic to humans)
Dieldrin	Used for the control of soil insects.	IARC -Group 3 (not classifiable as to be carcinogenic in humans)
Endrin	Used on field crops such as cotton, jute and grains as insecticides. It has also been used as rodenticide to control mice.	IARC -Group 3 (not classifiable as to be carcinogenic in humans)
Heptachlor	Used against soil insects cotton insects, grasshoppers, crop pests and against termites.	IARC -Group 2B (possibly carcinogenic to humans)
Mirex	Has been used against ants and to control leaf cutters, harvester termites, mealy bug etc. It has also been used as a fire retardant in plastics, rubber, paint paper and electrical goods.	IARC -Group 2B (possibly carcinogenic to humans)
DDT	It is also an insecticide, intensively used for vector control in malaria eradication programme. During the second world war to protect the troops and civilians from disease. Continues production in many countries for public health purposes.	IARC -Group 2B (possibly carcinogenic to humans)
Hexachlorobenzene (HCB)	Used as pesticide. It has been widely used as fungicide for seed treatment. It is also produced as an unintentional by-product in chemical industries and is present as an impurity, and in combustion process too.	IARC -Group 2B (possibly carcinogenic to humans)