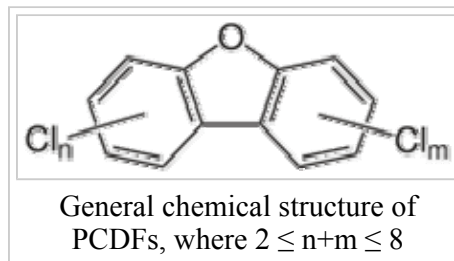


Polychlorinated dibenzofurans

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Polychlorinated dibenzofurans (PCDFs) are a group of halogenated organic compounds which are toxic environmental pollutants. They are known teratogens, mutagens, and suspected human carcinogens. PCDFs tend to co-occur with polychlorinated dibenzodioxins (PCDDs). PCDFs can be formed by pyrolysis or incineration at temperatures below 1200 °C of chlorine containing products, such as PVC, PCBs, and other organochlorides, or of non-chlorine containing products in the presence of chlorine donors.^[1]



References

- [^] "Proceedings of the Subregional Awareness Raising Workshop on Persistent Organic Pollutants (POPs), Bangkok, Thailand" (http://www.chem.unep.ch/pops/POPs_Inc/proceedings/bangkok/FIEDLER1.html) . *United Nations Environment Programme*. November 25-28th, 1997. http://www.chem.unep.ch/pops/POPs_Inc/proceedings/bangkok/FIEDLER1.html. Retrieved 2007-12-11.

Further resources

- Chemical Profile: DIBENZOFURANS (CHLORINATED) (http://scorecard.org/chemical-profiles/summary.tcl?edf_substance_id=1080)
- NPI Polychlorinated dioxins and furans fact sheet (<http://www.npi.gov.au/database/substance-info/profiles/73.html>)

See also

- Polychlorinated biphenyl

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Categories: Organochlorides | Incineration | Persistent organic pollutants | Immunotoxins | Dibenzofurans

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