

Table S7: List of pesticides and related substances according to ASU L 00.00-115 with no or not entirely agricultural origin

Colour code used to label substances

	Substances attributable to agricultural as well as non-agricultural sources.
	Substances are listed by UNEP Stockholm Convention's (United Nations Environment Programme 2020 ODB) no or not entire agricultural origin
HCB	The UNEP (United Nations Environment Programme 2020 ODB) classifies HCB (Hexachlorbenzene) as substance with an agricultural origin, but specifies its use in industrial and chemical processes as well as substance with possible unintentional releases,
PCB's	According to UNEP (United Nations Environment Programme (2020 ODB)) all PCB's originate in unintentional releases. 5 PCB's were detected in the analysed samples of the passive air sampler: PCB028, PCB052, PCB101, PCB138, PCB153
Anthraquinone	Tong and Speiser 2017 This pesticide has not been approved in Germany since 2009. It arises naturally, in combustion processes and is used in industrial processes such as dye synthesis and as a catalyst.
DCBP-pp	Potrykus, Schöpe et al. 2020 Dichlorobenzoyl peroxide; (2,4-Dichlorobenzoyl) peroxide is a free radical starter are used in the manufacture of silicone rubber and consequently an industrial chemical.
PBO	Kühne and Friedrich (o.J.) JKI: Allowed for application in biological farming as synergist to natural Pyrethrins.

References

United Nations Environment Programme (UNEP) Online Database. All POPs listed in the Stockholm Convention. <http://chm.pops.int/TheConvention/ThePOPs/ListingofPOPs/tabid/2509/Default.aspx>. Accessed 1 Oct 2020.

Tong B, Speiser B (2017) Rückstände von Anthrachinon in Lebensmitteln. FiBL Schweiz/Suisse, Ackerstrasse, CH-5070 Frick. https://orgprints.org/34122/1/tong-speiser-2017-Anthrachinon_Feb_2017.pdf. Accessed 7 Oct 2020.

Potrykus A, Schöpel M, Broneder C, Kühnl M, Burgstaller M, Schlummer M, Gruber L, Bauer D (2020) Untersuchung von Abfällen auf das Vorkommen nichttechnischer PCB Kongenere und DecaBDE: Ressortforschungsplan des Bundesministeriums für Umwelt, Naturschutz und nukleare Sicherheit. <https://www.umweltbundesamt.de/publikationen/untersuchung-von-abfaellen-auf-das-vorkommen-nicht>. Accessed 7 Oct 2020.

Kühne S, Friedrich B (undated) Pyrethrins. <https://oekologischerlandbau.julius-kuehn.de/index.php?menuid=50>. Accessed 19 Jul 2020.