



POPs Chemicals & PIC Industrial Chemicals

Short-chain chlorinated paraffins

CAS No. 85535-84-8;

CAS No. 68920-70-7;

CAS No. 71011-12-6;

CAS No. 85536-22-7;

CAS No. 85681-73-8;

CAS No. 108171-26-2

HS Code: 3824.90

Full Name: Short-chain chlorinated paraffins (SCCPs) with a chlorination degree of more than 48% by weight.

Trade Name:

A 70 (wax); Chloroflo; Adekacizer E; Chlorparaffin; Arubren; Chlorowax; Cereclor; Cloparin; Chlorcosane; Cloparol; Chlorex; Clorafin; Chlorofin; CW; Derminol fett; Derminolol; EDC-tar; Electrofine; Enpara; Hordaflam; Horda-flex; Hordalub; Hulz; Khp; Meflex; Monocizer; Paroil; Poliks; Tenekil; Toyoparax; Unichlor

Synonyms:

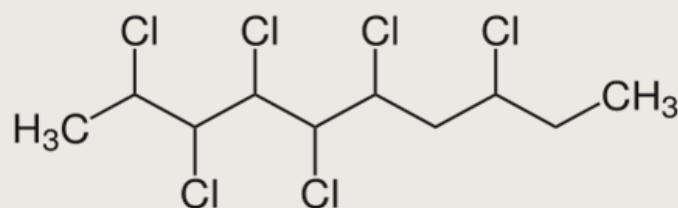
Alkanes, C₁₀₋₁₃, chloro; Chlorinated paraffins with a chlorination degree of more than 48% by weight.

Uses:

Short-chain chlorinated paraffins (SCCPs) have been used as softeners in plastics, paints, coatings and sealants, as flame retardants in rubber, plastics and textiles as well as an extreme pressure lubricant in metal working fluids.

Hazards and Risks to human health and the environment:

SCCPs strongly bonds to soil and sediments, where it can remain during a considerable time and be detected in a wide range of biosphere including freshwater, foods, aquatic and terrestrial mammals. Particularly, they can cause long-term adverse effects in the aquatic environment. SCCPs may cause skin and eye irritation upon repeated application, but do not appear to induce skin sensitization.



Reference

1. Risk profile on short-chain chlorinated paraffins. Persistent Organic Pollutants Review Committee. 2015; UNEP/POPS/POPRC.11/10/Add.2
2. Risk management evaluation on short-chain chlorinated paraffins. Persistent Organic Pollutants Review Committee. 2016; UNEP/POPS/POPRC.12/11/Add.3
3. US Environmental Protection Agency. Short-Chain Chlorinated Paraffins (SCCPs) and Other Chlorinated Paraffins Action Plan. US Environmental Protection Agency. 2009 (https://www.epa.gov/sites/production/files/2015-09/documents/sccps_ap_2009_1230_final.pdf, accessed 9 June 2017).
4. Toxipedia. Chlorinated Paraffins. Toxipedia. 2011. (<http://www.toxipedia.org/display/toxipedia/Chlorinated+Paraffins>, accessed 9 June 2017).
5. Decision Guidance Document on Short-chain chlorinated paraffins. 2016; UNEP/FAO/RC/COP.8/12/Add.1.