Proposed for listing under the Stockholm Convention

Dechlorane Plus and its syn-isomer and anti-isomer

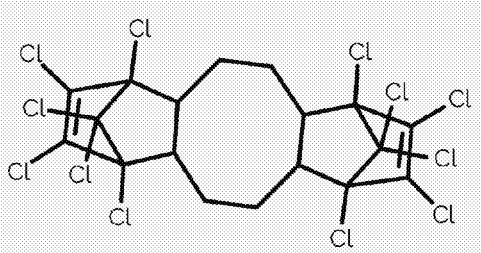
CAS No. 13560-89-9; 135821-03-3; 135821-74-8
Full Name: 1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo-[12.2.1.16,9.02,13.05,10] octadeca-7,15-dien
Trade Name: Dechlorane Plus 25 (Dech Plus); Dechlorane Plus 35 (Dech Plus-2); DP-515; Dechlorane 605; Dechlorane A; DP; DDC-CO; Escapeflam DK-15
Synonyms: Bis(hexachlorocyclopentadieno)cyclooctane; 1,2,3,4,7,8,9,10,13,13,14,14-Dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodechydro-1,4,7,10-dimethanodibenzo[a,e]cyclooctene; Dodecachlorododecahydrodimethanodibenzocyclooctene

Uses:
As a flame retardant, Dechlorane Plus is used in many polymeric systems. Examples of thermoplastics that may contain Dechlorane Plus include nylon, polyester, acrylonitrile butadiene styrene (ABS), natural rubber, polybutylene terephthalate (PBT), polypropylene, and styrene butadiene rubber (SBR) block copolymer. Dechlorane Plus may be used in thermosets such as epoxy and polyester resins, polyurethane foam, polyethylene, ethylene propylene diene monomer rubber, polyurethane rubber, silicon rubber, and neoprene.

Process for listing a new chemical under the Stockholm Convention

Article 8:

1) *A Party submits a proposal*
2) *The POPs Review Committee examines the proposal against Annex D screening criteria*
3) *If fulfilled, the POPs Review Committee prepares a risk profile based on Annex E information from Parties and observers*
4) *If adopted, the POPs Review Committee prepares a risk management evaluation based on Annex F information from Parties and observers*
5) *If adopted, the POPs Review Committee makes a recommendation on listing*



Reference

1. Proposal to list Dechlorane Plus (CAS No: 13560-89-9) and its syn- isomer(CAS No:135821-03-3) and anti-isomer (CAS No:135821-74-8) in Annexes A, B and/or C to the Stockholm Convention on Persistent Organic Pollutants. Persistent Organic Pollutants Review Committee. 2019;UNEP/POPS/POPRC.15/3

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