

## 持久性有机污染物（POPs）法规

Persistent Organic Pollutants (POPs) refers to synthetic chemicals that persist in the environment, to be capable of long-range transport, bio-accumulate in human and animal tissue, bio-accumulate in food chains, and to have potential significant impacts on human health and the environment.

持久性有机污染物（简称 POPs）是指人类合成的化学物质，会持久存在于环境中、透过生物食物链（网）而累积(生物蓄积性)，进而对环境及人类健康造成危害影响。

The European Commission has already amended this Regulations (EC) No 850/2004 eight times, on December 17, 2014, once again amended and this shall apply from 18 June 2015

欧盟委员会对欧盟持久性有机污染物（POPs）法规(EC) No 850/2004 进行了 8 次修订后，2014 年 12 月 17 日，再次对其进行修订，修订内容于 2015 年 6 月 18 日生效。

**(EC) No 850/2004 and its amendment directive Restrict substance list as follow**

**(EC) No 850/2004 及其修订限制物质清单如下：**

No 序号	Substance 物质	Requirement 限制条件
1~4	Tetrabromodiphenyl ether 四溴联苯醚 $C_{12}H_6Br_4O$ Pentabromodiphenyl ether 五溴联苯醚 $C_{12}H_5Br_5O$ Hexabromodiphenyl ether 六溴联苯醚 $C_{12}H_4Br_6O$ Heptabromodiphenyl ether 七溴联苯醚 $C_{12}H_3Br_7O$	1. a substance occurring as an unintentional trace contaminant in substances, preparations or articles. shall apply to concentrations equal to or below 10 mg/kg (0,001 % by weight) or as constituents of the flame-retarded parts of articles. 在物质，配置品，物品中无意添加的或作为物质阻燃剂组成部分，含量需等于或低于 10mg/kg 2. the production, placing on the market and use of the following shall be allowed 投放到市场产品需符合如下要求： (a) articles and preparations containing concentrations below 0,1 % by weight when produced partially or fully from recycled materials or materials from waste prepared for reuse 使用回收料或循环用料的物品或配置品中含量需小于 0.1%； (b) electrical and electronic equipment within the scope of Directive 2011/65/EU 电子电器物品管控需符合 2011/65/EU 规定要求
5	Perfluorooctane sulfonic acid and its derivatives (PFOS) 全氟辛烷磺酸/盐 $C_8F_{17}SO_2X$ (X = OH, Metal salt (O-M + ), halide, amide, and other derivatives including polymers)	1. a substance occurring as an unintentional trace contaminant in substances, preparations shall apply to concentrations of PFOS equal to or below 10 mg/kg (0,001 % by weight) 该物质在物质，配置品含量需等于或低于 10mg/kg 2. concentrations of PFOS in semi-finished products or articles, or parts if the concentration of PFOS is lower than 0,1 % or, for textiles or other coated materials, the amount of PFOS is lower than $1\mu g/m^2$ 在物品，半成品或部件中 PFOS 的含量需低于 0.1%，针对纺织品，覆层材料含量需低于 $1\mu g/m^2$

No 序号	Substance 物质	Requirement 限制条件
6	DDT 滴滴涕 (1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane) 1,1-双(4-氯苯基)2,2,2-三氯乙烷 CAS 50-29-3	-
7	Chlordane 氯丹 CAS 57-74-9	-
8	Hexachlorocyclohexanes, including lindan 林丹 CAS 58-89-9;319-84-6 ; 319-85-7 ;608-73-1	-
9	Dieldrin 狄氏剂 CAS 60-57-1	-
10	Endrin 异狄氏剂 CAS 72-20-8	-
11	Heptachlor 七氯 CAS 76-44-8	-
12	Endosulfan 硫丹 CAS 115-29-7 959-98-8 33213-65-9	1.Placing on the market and use of articles produced before or on 10 July 2012 containing endosulfan as a constituent of such articles shall be allowed until 10 January 2013. 在 2012 年 7 月 10 日前(含当日)生产的含有硫丹成份的物品允许在 2013 年 1 月 10 日前销售 2.Placing on the market and use of articles already in use before or on 10 July 2012 containing endosulfan as a constituent of such articles shall be allowed.在 2012 年 7 月 10 日前 (含当日)使用的含有硫丹成份的物品允许继续使用
13	Hexachlorobenzene 六氯苯 CAS 118-74-1	-
14	Chlordecone 十氯酮 CAS 143-50-0	-
15	Aldrin 艾氏剂 CAS 309-00-2	-
16	Pentachlorobenzene 五氯苯 CAS 608-93-5	-
17	Polychlorinated Biphenyls (PCB) 多氯联苯 CAS 1336-36-3 and others	-
18	Mirex 灭蚁灵 CAS 2385-85-5	-
19	Toxaphene 毒杀芬 CAS 8001-35-2	-
20	Hexabromobiphenyl 六溴联苯 CAS 36355-01-8	-

No 序号	Substance 物质	Requirement 限制条件
21	Hexachlorobutadiene 六氯丁二烯 CAS 87-68-3	<p>1.Placing on the market and use of articles produced before or on 10 July 2012 containing Hexachlorobutadiene as a constituent of such articles shall be allowed until 10 January 2013. 在 2012 年 7 月 10 日前（含当日）生产的含有六氯丁二烯成份的物品允许在 2013 年 1 月 10 日前销售。</p> <p>2.Placing on the market and use of articles already in use before or on 10 July 2012 containing Hexachlorobutadiene as a constituent of such articles shall be allowed.在 2012 年 7 月 10 日前（含当日）使用的含有六氯丁二烯成份的物品允许继续使用</p>
22	Polychlorinated naphthalenes 多氯化萘	<p>1.Placing on the market and use of articles produced before or on 10 July 2012 containing Polychlorinated naphthalenes as a constituent of such articles shall be allowed until 10 January 2013. 在 2012 年 7 月 10 日前(含当日)生产的含有多氯化萘成份的物品允许在 2013 年 1 月 10 日前销售</p> <p>2.Placing on the market and use of articles already in use before or on 10 July 2012 containing Polychlorinated naphthalenes as a constituent of such articles shall be allowed.在 2012 年 7 月 10 日前（含当日）使用的含有多氯化萘成份的物品允许继续使用</p>
23	Alkanes C10-C13, chloro (short chain chlorinated paraffins) (SCCPs) 短链氯化石蜡 CAS 85535-84-8	<p>1.production, placing on the market and use of substances or preparations containing SCCPs in concentrations lower than 1 % by weight shall be allowed. 允许成分中 SCCPs 含量低于 1%的物质或制品继续使用。</p> <p>2. By way of derogation, the production, placing on the market, and use of the following applications shall be allowed provided that Member States report to the Commission no later than 2015 and every four years thereafter on the progress made to eliminate SCCPs (a) fire retardants in rubber used in conveyor belts in the mining industry; (b) fire retardants in dam sealants. 将该成分用于采矿行业橡胶输送带及大坝密封剂的阻燃剂的企业必须在 2015 年前且须每隔 4 年向欧盟成员国委员会提交试用报告。</p> <p>3. Placing on the market and use of articles produced before or on 10 July 2012 containing SCCPs as a constituent of such articles shall be allowed until 10 January 2013. 在 2012 年 7 月 10 日前（含当日）生产的含有该成份的物品允许在 2013 年 1 月 10 日前销售</p> <p>4. Placing on the market and use of articles already in use before or on 10 July 2012 containing SCCPs as a constituent of articles shall be allowed. 在 2012 年 7 月 10 日前（含当日）使用的含有该成份的物品允许继续使用</p>

## Example of Recall because of POPs (SCCP)

### POPs 召回情况（短链石蜡）

No 序号	Category of product 产品类别	Times 次数	Year 年份
1	Toy 玩具	2	2014
2	Clothing, textiles and fashion items 衣服, 纺织品及时尚产品	13	2014
3	Stationery 文具	1	2014
4	Hobby/sports equipment 运动器械	3	2014

### Link 链接:

#### (EC) No 850/2004:

<http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:02004R0850-20100826&rid=2>

**Recall:**<http://ec.europa.eu/consumers/safety/rapex/alerts/main/index.cfm?event=main.search>

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