

DEPARTMENT OF ENVIRONMENTAL AFFAIRS

NO. 1308

30 NOVEMBER 2018

**REQUEST FOR INFORMATION ON CHEMICALS RECOMMENDED TO BE LISTED IN THE 9<sup>TH</sup>  
CONFERENCE OF THE PARTIES (COPs) TO THE STOCKHOLM AND ROTTERDAM  
CONVENTIONS AS WELL AS THE CANDIDATE CHEMICALS UNDER  
REVIEW BY THE CHEMICAL REVIEW COMMITTEE (CRC)**

I, Nosipho Nausca-Jean Ngcaba, Director-General of Environmental Affairs, hereby give notice of my request for information on chemicals recommended to be listed in the 9<sup>th</sup> Conference of the Parties (COPs) to the Stockholm and Rotterdam Conventions as well as candidate chemicals under review by the Chemical Review Committee (CRC) in South Africa, in the Schedule hereto.

Companies who manufacture, use, sell, import or export and/or in possession of chemicals that have been listed and/or recommended for listing in the Stockholm and Rotterdam Convention are invited to submit to the Director-General, within 60 days after the publication of the notice in the *Gazette*, written comments or inputs to the following addresses:

By post to: The Director-General: Environmental Affairs

Attention: Mr Obed Baloyi

Chief Director: Chemicals Management

Private Bag X 447

Pretoria

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By hand: Ground Floor (Reception), Environment House, 473 Steve Biko Road, Arcadia, Pretoria, 0001.

By e-mail to: [gkhauoe@environment.gov.za](mailto:gkhauoe@environment.gov.za)

Any inquiries in connection with the Government Notice can be directed to Ms Noluzuko Gwayi at Tel: 012 399 9854 or Email: [ngwayi@environment.gov.za](mailto:ngwayi@environment.gov.za).

Comments received after the closing date may not be considered.



**NOSIPHO NAUSCA-JEAN NGCABA**

**DIRECTOR GENERAL OF ENVIRONMENTAL AFFAIRS**

## SCHEDULE

REQUEST FOR INFORMATION ON CHEMICALS RECOMMENDED TO BE LISTED IN THE 9<sup>TH</sup> CONFERENCE OF THE PARTIES (COPs) TO THE STOCKHOLM, AND ROTTERDAM CONVENTIONS AS WELL AS THE CANDIDATE CHEMICALS UNDER REVIEW BY THE CHEMICAL REVIEW COMMITTEE (CRC).

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## 1. INTRODUCTION

Section 24 of the South African constitution states that “everyone has a right to a safe environment”, and the Department of Environmental Affairs (DEA) has a responsibility to fulfil its mandate in this regard. DEA hereby affords the chemicals industry and affected stakeholders an opportunity to provide information with regards to chemicals shown in (Table 1, 2.1, 2.2, & 3) that are recommended to be listed in the Stockholm and Rotterdam Conventions respectively during the upcoming Conference of the Parties (COP 9) in April-May 2019, as well as chemicals that are currently under review by the Stockholm and Rotterdam Conventions Scientific Subsidiary Bodies; Persistent Organic Pollutants Review Committee (POPRC) and Chemical Review Committee (CRC), respectively. The Stockholm and Rotterdam Conventions are global treaties and their respective primary objective is to protect the environment and human health from adverse effects of the listed hazardous chemicals. The Department of Environmental Affairs wishes to establish:

- Whether the chemicals in table 1, 2.1, 2.2 & 3 are being used, and if so, for what applications are they used?
- Whether the chemicals in table 1, 2.1, 2.2 & 3 are being manufactured locally?
- Whether the chemicals in table 1, 2.1, 2.2 & 3 are being imported or exported? If so, full details of imports or exports need to be provided within the 60 day time of this gazette?
- Whether safer alternatives to the chemicals recommended for listing have been or are being used in the various applications?

If there are any valid reasons for not supporting the listing of the recommended chemicals? If there are; supporting valid data and reasons should be provided. What would the possible impact be, should the chemicals recommended be listed? Such an impact, if there would be any, should be valid, and rationalised in light of using safer alternatives.

The information requested above, will assist South Africa in developing an informed position in preparation for the upcoming multilateral negotiations, to be held during the Conference of the Parties (COPs) in April-May 2019, in Geneva, Switzerland, and in line with protecting national interests and observing South Africa's foreign policy. Furthermore, the information provided will assist South Africa to manage by utilising various instruments, the chemicals that have been proposed and/or recommended for listing in an environmentally sound manner throughout their life cycle.

## 2. CHEMICALS RECOMMENDED FOR LISTING IN THE STOCKHOLM CONVENTION

The Persistent Organic Pollutants Review Committee (POPRC), which is a subsidiary scientific body of the Stockholm Convention makes recommendations to the Conference of the Parties (COP) to list chemicals that, through rigorous scientific assessment, have been found to be Persistent Organic Pollutants (POPs). Such recommended chemicals are listed in either Annex A, B, and/or C to the convention:

- Annex A (Elimination): The production and use of chemicals in annex A must be eliminated
  - unless there are specific exemptions;
- Annex B (Restriction): The production and use of chemicals on annex B must be restricted;
- Annex C (Unintentional Production): Measures must be taken to reduce the unintentional releases of chemicals on Annex C.

The POPRC recommended the following chemicals in Table 1 to be listed in the upcoming Stockholm convention Conference of the Parties (COP 9).

**Table 1: Chemicals recommended for listing in the Stockholm Convention upcoming COP 9**

Chemical Name	Trade Name(s)
○ Dicofol is an organochlorine miticidal pesticide that has been used in agriculture to control mites on a variety of field crops, fruits, vegetables, ornamentals, cotton, tea.	<p><b>Trade Name:</b> 1,1-bis(chlorophenyl)-2,2,2-trichloroethanol; 4-chloro-<math>\alpha</math>-(4-chlorophenyl)-<math>\alpha</math>-(trichloromethyl)-; Acarin; AK-20 HC free; Benzenemethanol; Carbox; Cekudifol; CPCA; Decofol; Dicaron; Dichlorokelthane; Dicomite; Difol; DTMC; ENT 23648; FW293; Hilfol; Hilfol 18.5 EC; Kelthane; Kelthanethanol; Kelthane A; Kelthane (DOT); Kelthane Dust Base; Kelthane 35; Milbol; Mitigan; p,p'-dicofol; NA2761 (DOT); NCI-C00486.</p> <p><b>Synonyms:</b> 1,1-bis(4-chlorophenyl)-2,2,2-trichloroethanol and 1-(2-chlorophenyl)-1-(4-chlorophenyl)-2,2,2-trichloroethanol (p,p'- and o,p'-isomer).</p>

Chemical Name	Trade Name(s)
<p>○ Perfluorohexane sulfonic acid (CAS No: 355-46-4, PFHxS), its salts and PFHxS-related compounds are used widely in the production of fluoroelastomers and fluoropolymers, for the production of non-stick kitchen ware, food processing equipment. PFOA-related compounds, including side-chain fluorinated polymers, are used as surfactants and surface treatment agents in textiles, paper and paints, firefighting foams. PFOA has been detected in industrial waste, stain resistant carpets, carpet cleaning liquids, house dust, microwave popcorn bags, water, food, and Teflon. Unintentional formation of PFOA is created from inadequate incineration of fluoropolymers from municipal solid waste incineration with inappropriate incineration or open burning facilities at moderate temperatures.</p>	<p><b>Synonyms:</b> Perfluorooctanoic acid; PFOA; pentadecafluoro-1-octanoic acid; perfluorocaprylic acid; perfluoro-n-octanoic acid; pentadecafluoro-n-octanoic acid; pentadecafluorooctanoic acid; n-perfluorooctanoic acid; 1-octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro.</p>
<p>○ Pentadecafluorooctanoic acid (CAS No: 335-67-1, PFOA, perfluorooctanoic acid), its salts and PFOA-related compounds have unique properties with a high resistance to friction, heat, chemical agents, low surface energy and used as water, grease, oil and soil</p>	<p><b>Trade Name:</b> RM70 (CAS No. 423-50-7), RM75 (3871-99-6), and RM570 (CAS No. 41997-13-1) (PFHxS-related substances produced by Miteni SpA, Italy)</p> <p><b>Synonyms:</b> PFHxS; PFHS Tridecafluorohexane-1-sulfonic acid, Tridecafluorohexane-1-sulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluoro-1-hexanesulfonic acid.</p>



Chemical Name	Trade Name(s)
repellent. It is widely utilized in a variety of consumer goods such as carpets, leather, apparel, textiles, firefighting foam, papermaking, printing inks, sealants, non-stick cookware.	

### 3. CHEMICALS RECOMMENDED FOR LISTING IN THE ROTTERDAM CONVENTION COP

The Chemical Review Committee (CRC) is a subsidiary scientific body of the Rotterdam Convention and its primary responsibility is to review notifications submitted by parties, of chemicals that have been reported to cause adverse effects to human health and the environment. The CRC recommends chemicals that have met the set criteria, to the COP for listing in Annex III to the convention. Chemicals, including pesticides and formulations listed under the Rotterdam Convention should be subjected to a procedure called "Prior Informed Consent" (PIC). The PIC procedure is a mechanism for formally obtaining and disseminating the decisions of importing Parties as to whether they wish to receive future shipments of those chemicals listed in Annex III of the Convention and for ensuring compliance with these decisions by exporting Parties. In a nutshell, an exporting Party should first notify importing Party about their intent to export and seek a consent from importing Party before exporting can take place. The DEA is the responsible entity for issuing of import consent.

### 4. Chemicals recommended for listing in Annex III of the Rotterdam Convention at COP 9 by the Chemical Review Committee.

**Table 2.1: Chemicals to be considered for listing at COP-9**

Name	Category (as per notification submitted)
Acetochlor	Pesticide
Hexabromocyclododecane	Pesticide
Phorate	Industrial chemical
Carbosulfan	Pesticide

**Table 2.2 Chemicals considered previously (COP-8 agreed that all criteria have been met but could not reach consensus on listing):**

Name	Category (as per notification submitted)
Chrysotile asbestos	Industrial
Fenthion (ultra-low volume (ULV) formulations at or above 640 g active ingredient/L)	Pesticide
Liquid formulations (emulsifiable concentrate and soluble concentrate) containing paraquat dichloride at or above 276 g/L, corresponding to paraquat ion at or above 200 g/L	Pesticide

**Table 3: Candidate Chemicals under review by the Chemical Review Committee.**

Name	Category (as per notification submitted)
Methyl-parathion	Pesticide
Hexabromocyclododecane	Industrial chemical
Perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride	Industrial chemical