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**DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT****NO. 3072****21 February 2023****NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998  
(ACT NO. 107 OF 1998)****REGULATIONS TO DOMESTICATE THE REQUIREMENTS OF THE ROTTERDAM CONVENTION  
ON THE PRIOR INFORMED CONSENT PROCEDURE FOR CERTAIN HAZARDOUS CHEMICALS  
AND PESTICIDES IN INTERNATIONAL TRADE**

I, Barbara Dallas Creecy, Minister of Forestry, Fisheries and the Environment, hereby, in terms of section 25(3) of the National Environmental Management Act, 1998 (Act No. 107 of 1998), make the Regulations to domesticate the requirements of the Rotterdam Convention on the prior informed consent procedure for certain hazardous chemicals and pesticides in international trade, as set out in the Schedule hereto.



**BARBARA DALLAS CREECY  
MINISTER OF FORESTRY, FISHERIES AND THE ENVIRONMENT**

**SCHEDULE****TABLE OF CONTENTS****CHAPTER 1****DEFINITIONS, APPLICATION, SCOPE, AND PURPOSE OF THE REGULATIONS**

1. Definitions
2. Application, scope, and purpose of the Regulations

**CHAPTER 2****GENERAL PROHIBITIONS**

3. General prohibitions

**CHAPTER 3****PROCESSES FOR THE NOTIFICATION FOR THE IMPORT AND EXPORT OF CHEMICALS**

4. Process for the notification for the import of chemicals and decision-making
5. Process for the notification for the export of chemicals

**CHAPTER 4****RECORD KEEPING AND REPORTING**

6. Records of chemicals imported or exported
7. Reporting or submission of information

**CHAPTER 5****GENERAL MATTERS**

8. Offences
9. Penalties
10. Updating of Annexures
11. Information to be transmitted to the Rotterdam Convention Secretariat
12. Repeal of Laws
13. Title and Commencement or Entry into force

## **ANNEXURES**

**Annexure I: List of chemicals to complete an export notification for under these Regulations**

- A. list of chemicals subject to the PIC procedure under the Rotterdam convention**
- B. list of chemicals otherwise legally controlled in South Africa**

**Annexure II: Form for Rotterdam Convention export notification**

## CHAPTER 1

### DEFINITIONS, APPLICATION, SCOPE AND PURPOSE OF THE REGULATIONS

#### DEFINITIONS

##### 1. Definitions

In these Regulations any word or expression to which a meaning has been assigned in the Act has that meaning, and unless the context indicates otherwise —

**“banned chemical”** means a chemical of which all uses within one or more categories have been prohibited in order to protect human health or the environment. It includes a chemical that has been refused approval for the first-time use or that has been withdrawn by industry either from the domestic market or from further consideration in the domestic approval process, and where there is clear evidence that such action has been taken in order to protect human health or the environment;

**“chemical”** means any substance whether by itself or in a mixture, whether manufactured or obtained from nature, excluding any living organism, which belongs to either of the following categories, a) banned chemicals or b) severely restricted chemicals, and which is listed in Annexure I

**“country of export”** means a country from which the transboundary movement of a chemical is planned to be initiated or is initiated;

**“country of import”** means a country to which a chemical is planned to be transported or is transported to as a final destination;

**“Designated National Authority (DNA)”** means an organisation granted responsibility by its national government to authorise and carry out the administrative functions required by these Regulations. The South African DNA is the Department responsible for the environment;

**“export”** in relation to the Republic, means to take out or transfer or transfer, or attempt to take out or transfer, a chemical, from a place within the Republic to another country;

**“exporter”** means a person who sends or intends to send a chemical(s) from the Republic to another country;

**“export notification”** means a process whereby a country of export notifies the country of import of its intention to send a chemical to the country of import, and provides information thereon;

**“export notification form”** is the form contained in Annexure II that is used for export or import purposes;

**“import”** in relation to the Republic, means to land on, bring into or introduce to the Republic;

**“importer”** means a person who receives or intends to receive a chemical into the Republic or to attempt to land on, bring into or introduce into the Republic and includes to bring to the Republic for re-export to a place outside the Republic;

**“Prior Informed Consent (PIC) procedure”** is a mechanism of formally requesting, obtaining and disseminating the information listed in these Regulations, on chemicals and decisions of the country of

import, as to whether a chemical intended to be exported to the country of import, meets the requirements for import, and for ensuring compliance with the decisions by the country of export;

**“these Regulations”** means the Regulations to domesticate the requirements of the Rotterdam Convention on the prior informed consent procedure for certain hazardous chemicals and pesticides in international trade, promulgated in terms of section 25(3), of the National Environmental Management Act, 1998 (Act No. 107 of 1998);

**“Rotterdam Convention”** means the Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade, which entered into force on 10 September 1998 and includes the Annexes to the Convention, and any amendments to, or substitutions of, those documents that are or will become binding on parties to the Rotterdam Convention;

**“safety data sheet”** or **“SDS”** means a document that is aligned to the Globally Harmonized System of Classification and Labelling of Chemicals, providing information on hazard classification and properties of hazardous chemicals, amongst other matters and that is prepared in accordance with regulation 14A of the Regulations for Hazardous Chemical Agents, published under Government Notice No. 280 in Government Gazette 44348 on 29 March 2021, as amended, in terms of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993);

**“Severely restricted chemical”** means a chemical virtually all use of which within one or more categories has been prohibited by final regulatory action in order to protect human health or the environment, but for which certain specific uses remain allowed. It includes a chemical that has, for virtually all use, been refused for approval or been withdrawn by industry either from the domestic market or from further consideration in the domestic approval process, and where there is clear evidence that such action has been taken in order to protect human health or the environment;

**“the Act”** means the National Environmental Management Act, 1998 (Act No. 107 of 1998).

## APPLICATION, SCOPE AND PURPOSE OF THE REGULATIONS

- 2.(1) (a) These Regulations apply to the banned or severely restricted chemicals listed in Annexure I, prohibited or restricted by following legislations:
- (i) The National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), which enables the domestication of the Rotterdam Convention to prohibit the production, manufacture, import, export, use and distribution of persistent pollutants that pose a threat to the environment and human health;
  - (ii) The Fertilizer, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) (FFFARSRA), which regulates the registration, acquisition, disposal, sale and use of fertilizers, stock remedies, agricultural remedies, sterilizing plants and pest control operators; and
  - (iii) The Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) (MPRDA), that regulates prospecting and mine health and safety in terms of Mine Health and Safety Act, 1996 (Act No. 29 of 1996).
- (b) These Regulations do not apply to any of the following:

- (i) Narcotic drugs and psychotropic substances regulated by the Drug and Drug Trafficking Act, 1992 (Act No. 140 of 1992), regulating the monitoring of trade on narcotic drugs and drug precursors;
  - (ii) Radioactive materials and substances as regulated by the Hazardous Substance Act, 1973 (Act No. 15 of 1973) Group IV: Radioactive Substances and Nuclear Energy Act, 1982 (Act No. 82 of 1982), outlining safety standards for the protection of the health of workers and the general public against dangers arising from ionizing radiation;
  - (iii) Wastes regulated by the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008);
  - (iv) Chemical weapons regulated by the Non-Proliferation of Weapons of Mass Destruction Act, 1993 (Act No. 87 of 1993) and The Explosives Act, 2003 (Act No. 15 of 2003) that outlines the rules for the control of exports, transfer, brokering and transit of dual-use items;
  - (v) Pharmaceuticals, including human and veterinary drugs regulated by the Medicines and Related Substance Control Act, 1965 (Act No. 101 of 1965) on medicinal products for human and veterinary use; and
  - (vi) Chemicals used as food additives regulated by the Foodstuffs, Cosmetics and Disinfectant Act, 1972 (Act No. 52 of 1972) which ensures the verification of compliance of food laws, setting quality and safety standards that governs the manufacture, sale and importation of foodstuffs.
- (c) These Regulations do not apply to chemicals exported for the purpose of research or analysis in quantities that are unlikely to affect human health or the environment and that in any event do not exceed 10kg from each exporter to each importing country per calendar year.
- (2) The purpose of these Regulations is to—
- (a) implement the Rotterdam Convention on the PIC procedure for certain hazardous chemicals and pesticides in international trade;
  - (b) outline the PIC procedure for chemicals and pesticides for obtaining and exchanging information concerning the characteristics of hazardous chemicals and pesticides, by providing for a decision-making process between countries on their import and export and disseminating decisions to Parties as appropriate;
  - (c) promote shared responsibility and cooperative efforts in the international movement of chemicals in order to protect human health, animal health and/or the environment from potential harm; and
  - (d) contribute to the environmentally sound use of chemicals by facilitating information exchange about their characteristics, by providing for a national decision-making process on their import and export and by disseminating these decisions to other countries.

## CHAPTER 2

### GENERAL PROHIBITIONS

#### 3. General prohibition

- (1) No person may import or export a chemical into or from South Africa, without obtaining consent in terms of these Regulations prior to importing or exporting the chemical listed in Annexure I;
- (2) The prohibition does not apply to the exportation of a chemical that is—
  - (a) present as unintentional trace contaminant in products.
  - (b) to be used for laboratory-scale research or as a reference standard.

## CHAPTER 3

### PROCESSES FOR THE NOTIFICATION FOR THE IMPORT AND EXPORT OF CHEMICALS

#### 4. Process for the notification for the import of chemicals and decision-making

- (1) Any person wishing to import a chemical must submit a notification in accordance with subregulation (2) to the South African DNA for consent;
- (2) The notification referred to in subregulation (1) must be submitted once per calendar year to the South African DNA by the DNA of the country of export, and must include—
  - (a) a completed official Rotterdam Convention export notification form, signed by the DNA of the country of export, which must be sent by the country of export to South African DNA containing, as a minimum, the information indicated in Annexure II to these Regulations; and
  - (b) an SDS for the chemical that is to be imported. The chemical must be labelled with information on the risks or hazards that the chemical poses to human health or the environment, or state where the information about the risk or hazard can be obtained.
- (3) Upon receipt of the export notification form, the South African DNA will request from the importing company the following—
  - (a) an applicable registration certificate or authorisation issued in terms of South African legislation, if any is required by any competent authority; and
  - (b) records of previous uses or international uses aligned with the intended importer's activities, of the chemicals.
- (4) The South African DNA must send an acknowledgement of receipt of the notification contemplated in subregulation (1) to the DNA of the country of export, within 10 working days of receipt of the notification.
- (5) Subsequent to the issuing of an acknowledgement contemplated in subregulation (4), the South African DNA must process the completed notification contemplated in subregulation (2) with the inclusion of the requirements in subregulation (3)(a) and (b), within 10 working days.

- (6) The South African DNA must issue a decision to grant consent, with conditions as stated in the export notification, contemplated in subregulation (2), or deny consent, stating reasons, within 10 working days of the issuing of the acknowledgement contemplated in subregulation (4).
- (7) The decision to grant consent or to deny consent will be based on –
  - (a) availability of the licence/permit/registration certificate from the competent authority for use of the chemical in the country, if applicable, and
  - (b) acknowledgement of the chemical consignment by the importer.
- (8) If the cumulative amount of the chemical to be imported is going to exceed the quantity that the original notification was consented for, for the calendar year, irrespective of the number of consignments, an additional notification must be submitted by the person to the South African DNA, as contemplated in Regulation 4(1).

## 5. Process for the notification for the export of chemical

- (1) Any person wishing to export a chemical must submit a notification to the South African DNA for consent.
- (2) The notification referred to in subregulation (1) must be submitted once per calendar year to the South African DNA by the person wishing to export a chemical, as contemplated in subregulation (1) for the export of chemicals, and must include—
  - (a) a completed official Rotterdam Convention export notification form, obtainable from the South African DNA containing as a minimum, the information indicated in Annexure II to these Regulations; and
  - (b) an SDS for the chemical that is to be exported. The chemical must be labelled with information on the risks or hazards that the chemical poses to human health or the environment, or state where the information about the risk or hazard can be obtained.
- (3) The South African DNA must send an acknowledgement of receipt of the notification contemplated in subregulation (1) to the person that submitted the notification for consent for export, within 10 working days of receipt of the notification.
- (4) Subsequent to the issuing of an acknowledgement contemplated in subregulation (3), the South African DNA must within 10 working days—
  - (i) consider the notification received from the person contemplated in subregulation (1), if it includes the requirements referred to in subregulation (2)(a) and (b); and
  - (ii) submit the export notification to the DNA of the country of import, for consideration.
- (5) If the DNA of the country of import issues consent within 10 working days of the South African DNA submitting the export notification for consideration as referred to in subregulation (4)(i), the South African DNA must issue the consent issued by the DNA of the country of import to the person contemplated in subregulation (1).
- (6) If the South African DNA has not received a response from the DNA of the country of import following the submission contemplated in subregulation (4)ii within 10 working days, the DNA must immediately send a reminder to the DNA of the country of import.



- (7) If there is still no response following a further 10 working days from the date of the reminder sent as contemplated in subregulation (6), the South African DNA must relay this information to the person. If, after all reasonable efforts and no response to a notification contemplated in subregulation (4)(ii) has been received, then the export may proceed.
- (8) If the cumulative amount of the chemicals to be exported is going to exceed the quantity that the original notification was consented for, for the calendar year, irrespective of the number of consignments, an additional notification must be submitted to the South African DNA by the exporter as contemplated in Regulation 5(2).

## CHAPTER 4

### RECORD KEEPING AND REPORTING

#### 6. Records of chemicals imported or exported

- (1) An importer or exporter of chemicals, must keep accurate and up to date records that reflect:
  - (a) The actual quantities of the chemicals imported or exported;
  - (b) The origin or source of the chemicals;
  - (c) The actual use or application of the chemicals imported or declaration of the intended end use/application if the importer is supplying to another person;
  - (d) The intended destination of the chemicals; and
  - (e) The date of import or export.
- (2) The declaration referred to in subregulation (1)(c) must contain:
  - (a) the full name and identity number of the person if a natural person or the full registered business name and registration number of the person if a juristic person, as well as a certified copy of the identity/registration document as the case may be;
  - (b) telephonic and electronic mail contact details; and
  - (c) the end use of the chemical.

#### 7. Reporting or submission of information

- (1) The importer or exporter of chemicals must submit, annually, at the end of March every year, the following information to the South African DNA:
  - (a) actual quantities of the chemicals imported or exported; and
  - (b) customs import and export declaration documents for every consignment of chemicals.
- (2) The records contemplated in subregulations 6(1) and 7(1) must be—

- (a) retained for a period of at least five years; and
- (b) made available, on a confidential basis, to the DNA upon request.

## CHAPTER 5

### GENERAL MATTERS

#### 8. Offences

A person commits an offence, if that person contravenes or fails to comply with regulations 3(1), 4(1), 5(1), and 6 of these Regulations.

#### 9. Penalties

- (1) A person convicted of an offence under these Regulations is liable to:
  - (a) a fine not exceeding 5 million Rands or to imprisonment for a period not exceeding 5 years in the case of a first offence;
  - (b) in the case of a second or subsequent conviction, a fine not exceeding 10 million Rands or to imprisonment for a period not exceeding 10 years, or in both instances, to both such fine and such imprisonment.

#### 10. Updating of Annexures

- (1) The list of chemicals in Annexure I will be reviewed by the South African DNA at least every second year on the basis of developments in South African laws and under the Rotterdam Convention.
- (2) The decision to include chemicals in Annexure I or to modify their entry, where appropriate, will be taken without undue delay.
- (3) If new final regulatory action within the Republic of South Africa bans or severely restricts a chemical, the chemical will be included in Part B of Annexure I.
- (4) Each chemical listed in Annexure I has been assigned a classification. The Classifications will be revised as necessary in light of any changes made in the World Customs Organization's Harmonised System Nomenclature for the chemicals concerned.

**11. Information to be transmitted to the Rotterdam Convention Secretariat**

- (1) The South African DNA will notify the Rotterdam Convention Secretariat in writing when a new final regulatory action is notified or is amended, as soon as possible after the adoption or the promulgation of the new final regulatory action, and no later than 60 days after the date on which the new final regulatory action is to be implemented.
- (2) In the case of chemicals listed in Annexure I, the South African DNA will provide the Rotterdam Convention Secretariat with information concerning the relevant final regulatory action, so that the information can be disseminated to other Parties to the Rotterdam Convention as appropriate.

**12. Repeal of Laws**

- (1) The Regulations to Domesticate the Requirements of the Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade, as published in Government Notice R.413 of Government *Gazette* No. 44558 on 12 May 2021, are hereby repealed.

**13. Short Title and Commencement**

- (1) These Regulations are called the Regulations to domesticate the requirements of the Rotterdam Convention on the prior informed consent procedure for certain hazardous chemicals and pesticides in international trade, 2023.
- (2) The Regulations will commence 120 days from the date of their publication for implementation in the Government *Gazette*.

**ANNEXURE I**  
**List of chemicals controlled under these Regulations**

**A. LIST OF CHEMICALS SUBJECT TO THE PIC PROCEDURE UNDER THE ROTTERDAM CONVENTION**

| Chemical                                                      | Relevant CAS number(s) | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                                                                                                            | Use limitations                                                                                                                                                                                                                                      | Status                 |
|---------------------------------------------------------------|------------------------|---------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 1. 2,4,5-trichlorophenoxyacetic acid and its salts and esters | 93-76-5                | 2918.91                   | 3808.59                                                    | Voluntarily withdrawn in 1989 from Fertilizers, Farm Feeds, Agricultural Remedies Act, 1947 (Act No. 36 of 1947)                                                                                                                                                                                                           | Pesticide registration withdrawn in 1989 and restricted for import, export, possession and acquisition, sale and use.<br>Imports and exports transactions require consultation with the Department of Trade Industry and Competition permit required | Severely restricted    |
| 2. Alachlor                                                   | 15972-60-8             | 2924.25                   | 3808.59                                                    | Severely restricted in terms of the Non-Proliferation of weapons of Mass Destruction Act, 1993 (Act No. 87 of 1993)<br><br>Registered in terms of the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) by the Department of Agriculture, Land Reform and Rural Development | The pesticide is severely restricted                                                                                                                                                                                                                 | Severely restricted    |
| 3. Aldicarb                                                   | 116-06-3               | 2930.80.10                | 3808.19                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). Department of Agriculture, Land Reform and Rural Development                                                                                                                                                             | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal                                                                                                                                                          | Banned since 2016      |
| 4. Aldrin                                                     | 309-00-2               | 2903.52                   | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN No. 862 of 29 July 2016. Department of Agriculture, Land Reform and Rural Development                                                                                                                             | The pesticide is banned for import, export, possession, acquisition, sale, use since 1983 and for local ectoparasite use in 1992                                                                                                                     | Banned since July 2016 |

| Chemical | Relevant CAS number(s) | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                                                                                                                 | Use limitations                                                                                                                                                           | Status                                                                              |
|----------|------------------------|---------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 5.       | Asbestos Fibres:       |                           |                                                            | Regulations for the Prohibition of the Use, Manufacturing, Import and Export of Asbestos and Asbestos Containing Materials (GN. R. 341, Government Gazette No. 30904, of 28 March 2008 in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) Department of Forestry, Fisheries, and the Environment | The chemicals asbestos and its formulations containing asbestos materials are prohibited for manufacturing, use, import and export.<br>No remaining uses are allowed.     | Banned since 2008                                                                   |
|          | Asbestos Actinolite    | 2524.90                   | 6811.40                                                    |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                           |                                                                                     |
|          | Asbestos Amosite       | 2524.90                   |                                                            |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                           |                                                                                     |
|          | Asbestos Anthophyllite | 2524.90                   |                                                            |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                           |                                                                                     |
|          | Asbestos Crocidolite   | 2524.90                   |                                                            |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                           |                                                                                     |
|          | Asbestos Tremolite     | 25.24.90                  |                                                            |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                           |                                                                                     |
| 6.       | Azinphos-methyl        | 2933.99                   | 3808.10                                                    | Registered in terms of Act Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) by the Department of Agriculture, Land Reform and Rural Development                                                                                                                                 | The pesticide is severely restricted and its manufacture, export and imports, sale and use restricted.                                                                    | Severely restricted                                                                 |
|          |                        |                           |                                                            | Declared as a hazardous substance in terms of Hazardous Substance Act, 1973 (Act No. 15 of 1973) Group I Hazardous Substance for local use with a permit from EHPs Department of Health                                                                                                                                         | Hazardous Substance Act, 1973 (Act No. 15 of 1973) requires in terms of Section 4(1)(a) that a person that trades in Group I Substances must be licensed for such a trade | For use in the country, permit is required from local Environmental Health Officers |
| 7.       | Binapacryl             | 2916.19                   | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN. No R.862 of Government Gazette 40166, of 29 July 2016) from the Department of Agriculture, Land Reform and Rural Development                                                                                          | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal                                                                               | Banned in 2016                                                                      |

| Chemical                                          | Relevant CAS number(s) | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                             | Use limitations                                                                                                            | Status                                    |
|---------------------------------------------------|------------------------|---------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 8. Captafol                                       | 2425-06-1              | 2930.80.20                | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN. 862 Government Gazette 40166, of 29 July 2016 by the Department of Agriculture, Land Reform and Rural Development | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | Banned in 2016                            |
| 9. Carbofuran                                     | 1563-66-2              |                           | 3808.59                                                    | Register in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947), Department of Agriculture, Land Reform and Rural Development                                         | The pesticide is severely restricted and its manufacture, export and imports, sale and use restricted.                     | Severely restricted                       |
| 10. Chlordane                                     | 57-74-9                | 2903.52                   | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN. R. 834 Government Gazette 27914 of 26 August 2005 by Department of Agriculture, Land Reform and Rural Development | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | Banned in 2005.                           |
| 11. Chlordimeform                                 | 6164-98-3              | 2925.21                   | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN. 862 Government Gazette 40166, of 29 July 2016 by Department of Agriculture, Land Reform and Rural Development     | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | Banned in 2016                            |
| 12. Chlorobenzilate                               | 510-15-6               | 2918.18                   | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) (GN. 862 Government Gazette 40166, of 29 July 2016 by Department of Agriculture, Land Reform and Rural Development         | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | Banned in 2016                            |
| 13. Commercial Octabromodiphenyl ether including: |                        |                           | 3824.88                                                    | National Environmental Management Act, 1998 (Act No. 107 of 1998), Regulation to phase-out the use, production,                                                                                                             | The chemicals is banned from production,                                                                                   | Phased out and banned by 31 December 2020 |

|     | Chemical                                                                                          | Relevant CAS number(s)   | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                  | Use limitations                                                                                                                              | Status                                                                                  |
|-----|---------------------------------------------------------------------------------------------------|--------------------------|---------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 14. | Hexabromodiphenyl ether                                                                           | 36483-60-0               | 2909.30                   |                                                            | distribution, import, export of persistent organic pollutants, GG No. 42093 of 10 September 2019                                                                                                                 | manufacturing, import, export, use and distribution.                                                                                         |                                                                                         |
|     | Heptabromodiphenyl ether                                                                          | 68928-80-3               | 2909.30                   |                                                            |                                                                                                                                                                                                                  |                                                                                                                                              |                                                                                         |
|     | Commercial pentabromodiphenyl ether, including: Tetrabromodiphenyl ether Pentabromodiphenyl ether | 40088-47-9<br>32534-81-9 | 2909.30<br>2909.30        | 3824.88                                                    | National Environmental Management Act, 1998 (Act No. 107 of 1998), Regulation to phase-out the use, production, distribution, import, export of persistent organic pollutants, GG No. 42093 of 10 September 2019 | The chemicals is banned from production, manufacturing, import, export, use and distribution                                                 | Phased-out and banned on 31 December 2020                                               |
| 15. | Dichlorodiphenyltrichloroethane (DDT)                                                             | 50-29-3                  | 2903.92.10                | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN R. 384 of 25 February 1983 by the Department of Agriculture, Land Reform and Rural Development          | Banned for manufacture, import, export, sale and use except for the control of malaria vectors by the government.                            | Subject to export ban in 1983. Remaining utilizations are permitted for vector control. |
| 16. | Dieldrin                                                                                          | 60-57-1                  | 2910.40                   | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947), Government Notice No. R 384 of 25 February 1983. Department of Agriculture, Land Reform and Rural Development  | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed.                  | Banned in 1983                                                                          |
| 17. | Dinitro-ortho-cresol (DNOC) and its salts: DNOC, ammonium salt                                    | 497-56-3                 | 2908.92                   | 3808.                                                      | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with Government Notice No. 862 of 29 July 2016. Department of Agriculture, Land Reform and Rural Development    | The pesticide and its formulations or mixtures are banned for manufacture, import, export and use as highly hazardous pesticide formulation. | Banned in 2016 All formulations and uses are prohibited                                 |
|     | DNOC, potassium salt                                                                              | 2980-64-5                | 2908.99                   | 3880.91                                                    |                                                                                                                                                                                                                  |                                                                                                                                              |                                                                                         |
|     | DNOC, sodium salt                                                                                 | 5787-96-2                |                           | 3808.92                                                    |                                                                                                                                                                                                                  |                                                                                                                                              |                                                                                         |
|     | DNOC                                                                                              | 2312-76-7                |                           | 3808.93                                                    |                                                                                                                                                                                                                  |                                                                                                                                              |                                                                                         |
| 18. | Dinoseb and its salts and esters                                                                  | 534-52-1<br>88-85-7      | 2908.91                   | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947                                                                                                                                      | The pesticides and its formulations is banned for                                                                                            | Banned in 2016                                                                          |



| Chemical                                                                                                                                                             | Relevant CAS number(s)              | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                         | Use limitations                                                                                                            | Status                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 19. Dinoseb acetate                                                                                                                                                  | 2813-95-8                           | 2915.36                   | 3808.59                                                    | (Act No. 36 of 1947) with GN. 862 Government Gazette 40166, of 29 July 2016 by Department of Agriculture, Land Reform and Rural Development                                                                             | import, export, possession, acquisition, sale, use and disposal                                                            | Banned in 2016                                                     |
| 20. Dustable powder formulations containing a combination of:<br>Benomyl at or above 7 percent<br>Carbofuran at or above 10 percent<br>Thiram at or above 15 percent | 17804-35-2<br>1563-66-2<br>137-26-8 |                           | 3808.59                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN. 862 Government Gazette 40166, of 29 July 2016 by Department of Agriculture, Land Reform and Rural Development | The pesticides and its formulations are banned for import, export, possession, acquisition, sale, use and disposal.        | The pesticide formulation and its mixtures are severely restricted |
| 21. Endrin                                                                                                                                                           | 72-20-8                             |                           |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN 862 of 29 July 2016 by Department of Agriculture, Land Reform and Rural Development                            | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | Banned in July 2016                                                |
| 22. Endosulfan Technical endosulfan and its related isomers                                                                                                          | 115-29-7                            | 2920.30                   | 3808.59                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN 853 of 26 October 2011 by the Department of Agriculture, Land Reform and Rural Development                     | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | Banned in October 2012.                                            |



| Chemical                                           | Relevant CAS number(s) | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                       | Use limitations                                                                                                              | Status                                           |
|----------------------------------------------------|------------------------|---------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 23. Ethylene dibromide (EDB) 1,2-dibromoethane     | 106-93-4               | 2903.31                   | 3811.19                                                    | Register in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). Department of Agriculture, Land Reform and Rural Development                                   | The pesticide is severely for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | severely restricted                              |
| 24. Ethylene dichloride (1,2-dichloroethane) (EDC) | 107-06-2               | 2903.15                   | 3808.50                                                    | Register in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). Department of Agriculture, Land Reform and Rural Development                                   | The pesticide is severely restricted and its manufacture, export and imports, sale and use are restricted.                   | severely restricted                              |
| 25. Ethylene oxide                                 | 75-21-8                | 2910.10                   | 3808.50;<br>3824.81                                        | The pesticide is not Registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). Department of Agriculture, Land Reform and Rural Development            | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed   | severely restricted and no registrations allowed |
| 26. Fluoroacetamide                                | 640-19-7               | 2924.12.20                | 3808.50                                                    | Not Registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). Department of Agriculture, Land Reform and Rural Development                             | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed   | Banned and no registrations allowed              |
| 27. Heptachlor                                     | 76-44-8                | 2903.82.30                | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN. 862 Government Gazette 40166, of 29 July 2016. Department of Agriculture, Land Reform and Rural Development | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed   | Banned in 2016                                   |
| 28. Hexabromobiphenyl                              | 36355-01-8             |                           |                                                            | National Environmental Management Act, 1998 (Act No. 107 of 1998) with GG No. 44559 of 12 May 2021. Regulation to prohibit the production, distribution,                                                              | The chemicals and its formulation is banned for manufacture, import, export, sale and use.                                   | Banned in 2021                                   |

| Chemical                                                                      | Relevant CAS number(s)                                               | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                                                                                   | Use limitations                                                                                                            | Status                   |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 29. Hexabromocyclododecane                                                    | 25637-99-4<br>3194-55-6<br>134237-50-6<br>134237-51-7<br>134237-52-8 |                           | 134237-52-8 and other                                      | import and export, sales and use of persistent organic pollutants.<br>National Environmental Management Act, 1998 (Act No. 107 of 1998) with GG No. 44559 of 12 May 2021. Regulation to prohibit the production, distribution, import and export, sales and use of persistent organic pollutants. | The chemicals and its formulation is banned for manufacture, import, export, sale and use.                                 | Banned in 2021           |
| 30. Hexachlorobenzene                                                         | 118-74-1                                                             | 2903.92                   | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). GN with 862 Government Gazette 40166, of 29 July 2016. Department of Agriculture, Land Reform and Rural Development                                                                             | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | Banned in 2016           |
| 31. Hexachlorobutadiene                                                       | 87-86-3                                                              |                           |                                                            | National Environmental Management Act, 1998 (Act No. 107 of 1998) with GG No. 44559 of 12 May 2021. Regulation to prohibit the production, distribution, import and export, sales and use of persistent organic pollutants.                                                                       | The chemicals and its formulation is banned for manufacture, import, export, sale and use.                                 | Banned in 2021           |
| 32. Hexachlorocyclohexane (HCH) (mixed isomers)<br>Alpha – HCH and Beta - HCH | 608-73-1                                                             | 3824.85;<br>2903.51       | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with 1061 Government Gazette 10739, of 15 May 1987 by the Department of Agriculture, Land Reform and Rural Development                                                                           | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | Banned from 30 June 1987 |
| 33. Lindane (gamma-HCH) and (gamma-BHC)                                       | 58-89-9                                                              | 2903.81.10                | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN R. 384 GG 8561, of 25 February 1983 and GN R.592 GG 32254, of 29 May 2009                                                                                                                | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | Banned in 2009           |

|     | Chemical                                                                                                                                             | Relevant CAS number(s)                              | HS Codes (Pure chemicals)                                                                      | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                                                                              | Use limitations                                                                                                                                                                                   | Status                                                             |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 34. | Mercury compounds, including inorganic mercury compounds, alkyl mercury compounds, and alkyloxyalkyl and aryl mercury compounds-containing compounds | 7439-97-6 – containing 62-38-4 26545-49-3 And other | 2852.10                                                                                        | 3808.59                                                    | Department of Agriculture, Land Reform and Rural Development<br>Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN R. 384 Government Gazette 8561, of 25 February 1983 by Department of Agriculture, Land Reform and Rural Development | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed                                                                        | Banned for Agricultural use in 1983 as a pesticide                 |
| 35. | Methamidophos                                                                                                                                        | 10265-92-6                                          | 2930.80.30                                                                                     | 3808.59                                                    | Register in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947), Department of Agriculture, Land Reform and Rural Development                                                                                                          | The pesticides and its formulations as highly hazardous pesticides is severely restricted for import, export, possession, acquisition, sale, use and disposal.                                    | The pesticide formulation and its mixtures are severely restricted |
| 36. | Methyl-parathion (Emulsifiable concentrates (EC) at or above 19.5% active ingredient and dusts at or above 1.5% active ingredient)                   | 298-00-0                                            | 2920.11.01<br>2920.11.02<br>2920.11.03<br>2920.11.04<br>2920.11.05<br>2920.11.06<br>2920.11.07 | 3808.59                                                    | Register in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947), Department of Agriculture, Land Reform and Rural Development                                                                                                          | The pesticides and its formulations as highly hazardous pesticides is severely restricted for import, export, possession, acquisition, sale, use and disposal.<br>All formulations are prohibited | The pesticide formulation and its mixtures are severely restricted |
| 37. | Monocrotophos                                                                                                                                        | 6923-22-4                                           | 2924.12.30                                                                                     | 3808.50                                                    | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN R. 154 Government Gazette 8159, of 25 February 2005 by the                                                                                                                          | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed                                                                        | Banned in 2005                                                     |

| Chemical                                       | Relevant CAS number(s) | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                                      | Use limitations                                                                                                                                                                                                                                                                                                                                                         | Status              |
|------------------------------------------------|------------------------|---------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 38. Parathion                                  | 56-38-2                | 2920.11.09                | 3808.59                                                    | Department of Agriculture, Land Reform and Rural Development<br>Registered with the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) by Department of Agriculture, Land Reform and Rural Development | The pesticides and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal.<br><br>Withdrawn for use on deciduous fruit and vineyards in 1992<br>Withdrawn for use on beans, coffee, cotton, groundnuts, mangoes, ornamentals, as well as for the control of short-horned grasshopper on various crops in June 1993 | Severely restricted |
| 39. Pentachlorobenzene                         | 608-93-5               |                           |                                                            | National Environmental Management Act, 1998 (Act No. 107 of 1998) with GG No. 44559 of 12 May 2021. Regulation to prohibit the production, distribution, import and export, sales and use of persistent organic pollutants.                          | The chemicals and its formulation is banned for manufacture, import, export, sale and use.                                                                                                                                                                                                                                                                              | Banned in 2021      |
| 40. Pentachlorophenol and its salts and esters | 87-86-5                | 2908.91                   |                                                            | National Environmental Management Act, 1998 (Act No. 107 of 1998) with GG No. 44559 of 12 May 2021. Regulation to prohibit the production, distribution, import and export, sales and use of persistent organic pollutants.                          | The chemicals and its formulation is banned for manufacture, import, export, sale and use.                                                                                                                                                                                                                                                                              | Banned in 2021      |

| Chemical                                                                                                                               | Relevant CAS number(s) | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                             | Use limitations                                                                            | Status         |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------|
| 41. Perfluorooctane sulfonic acid, perfluorooctane sulfonates, perfluorooctane sulfonamides, and perfluorooctane sulfonyls, including: |                        |                           |                                                            | National Environmental Management Act, 1998 (Act No. 107 of 1998) with GG No. 44559 of 12 May 2021. Regulation to prohibit the production, distribution, import and export, sales and use of persistent organic pollutants. | The chemicals and its formulation is banned for manufacture, import, export, sale and use. | Banned in 2021 |
| Perfluorooctane sulfonic acid                                                                                                          | 1763-23-1              | 2904.31                   | 3824.87                                                    |                                                                                                                                                                                                                             |                                                                                            |                |
| Potassium perfluorooctane sulfonate                                                                                                    | 2795-39-3              | 2904.34                   |                                                            |                                                                                                                                                                                                                             |                                                                                            |                |
| Lithium perfluorooctane sulfonate                                                                                                      | 29457-72-5             | 2904.33                   |                                                            |                                                                                                                                                                                                                             |                                                                                            |                |
| Ammonium perfluorooctane sulfonate                                                                                                     | 29081-56-9             | 2904.32                   |                                                            |                                                                                                                                                                                                                             |                                                                                            |                |
| Diethanolammonium perfluorooctane sulfonate                                                                                            | 70225-14-8             | 2922.16                   |                                                            |                                                                                                                                                                                                                             |                                                                                            |                |
| Tetraethylammonium perfluorooctane sulfonate                                                                                           | 56773-42-3             | 2923.30                   |                                                            |                                                                                                                                                                                                                             |                                                                                            |                |
| Didecyltrimethylammonium perfluorooctane sulfonate                                                                                     | 251099-16-8            | 2923.40                   |                                                            |                                                                                                                                                                                                                             |                                                                                            |                |
| N-Ethylperfluorooctane sulfonamide                                                                                                     | 4151-50-2              | 2935.20                   |                                                            |                                                                                                                                                                                                                             |                                                                                            |                |
| N-Methylperfluorooctane sulfonamide                                                                                                    | 31506-32-8             | 2935.10                   |                                                            |                                                                                                                                                                                                                             |                                                                                            |                |
| N-ethyl-N-(2-hydroxyethyl) perfluorooctane sulfonamide                                                                                 | 1691-99-2              | 2935.30                   |                                                            |                                                                                                                                                                                                                             |                                                                                            |                |

| Chemical | Relevant CAS number(s)                                                                            | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                  | Use limitations                                                                                                                                              | Status                                                                |
|----------|---------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 42.      | N-(2-hydroxyethyl)-Nmethylperfluorooctane sulfonamide                                             | 2935.40                   |                                                            | The pesticide is no longer registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). Department of Agriculture, Land Reform and Rural Development | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | severely restricted and no registrations allowed                      |
|          | Perfluorooctane sulfonyl fluoride                                                                 | 2904.36                   |                                                            |                                                                                                                                                                                                                  |                                                                                                                                                              |                                                                       |
|          | Phoshamidon (soluble liquid formulations of the substance that exceed 1000g active ingredients/l) |                           |                                                            |                                                                                                                                                                                                                  |                                                                                                                                                              |                                                                       |
| 43.      | Mixture (E) & (Z) isomers                                                                         | 2924.12                   | 3808.59                                                    | The pesticide is no longer registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). Department of Agriculture, Land Reform and Rural Development | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | severely restricted and no registrations allowed for all formulations |
|          | (Z) -isomers                                                                                      | 2924.12                   | 3808.59                                                    |                                                                                                                                                                                                                  |                                                                                                                                                              |                                                                       |
|          | (E)-isomers                                                                                       | 2924.12                   | 3808.59                                                    |                                                                                                                                                                                                                  |                                                                                                                                                              |                                                                       |
| 44.      | Phorate                                                                                           | 298-02-2                  |                                                            | The chemical is not registered                                                                                                                                                                                   | The chemicals is severely restricted and its manufacture, export and imports, sale and use restricted.                                                       | severely restricted                                                   |
|          | Polybrominated biphenyls (PBB)                                                                    |                           | 3824.82                                                    |                                                                                                                                                                                                                  |                                                                                                                                                              |                                                                       |
|          | Hexa                                                                                              | 36355-01-8                | 2903.94                                                    |                                                                                                                                                                                                                  |                                                                                                                                                              |                                                                       |
|          | Octa                                                                                              | 27858-07-7                | 2903.99                                                    |                                                                                                                                                                                                                  |                                                                                                                                                              |                                                                       |
|          | Deca                                                                                              | 13654-09-6                | 2903.99                                                    |                                                                                                                                                                                                                  |                                                                                                                                                              |                                                                       |

| Chemical                                                                                                                                                                                                                                                                    | Relevant CAS number(s) | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                                                                                                                           | Use limitations                                                                            | Status         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------|
| 45. Polychlorinated Biphenyls (PCBs)                                                                                                                                                                                                                                        | 1336-36-3              | 2903.99.20<br>2710.91     |                                                            | National Environmental Management Act, 1998 (Act No. 107 of 1998) with GN R.549 Government Gazette No.37818, of 10 July 2014. The Regulation to phase-out the use of Polychlorinated Biphenyls (PCBs) materials and polychlorinated Biphenyls (PCBs) contaminated materials.<br>The Department of Forestry, Fisheries and the Environment | The chemicals and its formulation is banned for manufacture, import, export, sale and use. | Banned in 2014 |
| 46. Polychlorinated naphthalenes including:<br>Dechlorinated naphthalenes<br>Trichlorinated naphthalenes<br>Tetrachlorinated naphthalenes<br>Pentachlorinated naphthalenes<br>Hexachlorinated naphthalenes<br>Heptachlorinated naphthalenes<br>Octachlorinated naphthalenes |                        |                           |                                                            | National Environmental Management Act, 1998 (Act No. 107 of 1998) with GG No. 44559 of 12 May 2021. Regulation to prohibit the production, distribution, import and export, sales and use of persistent organic pollutants.                                                                                                               | The chemicals and its formulation is banned for manufacture, import, export, sale and use. | Banned in 2021 |



| Chemical                                     | Relevant CAS number(s) | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                             | Use limitations                                                                                        | Status                                           |
|----------------------------------------------|------------------------|---------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 47. Polychlorinated terphenyls (PCT)         | 61788-33-8             |                           |                                                            | The chemical is not registered                                                                                                                                                                                              | The chemicals is severely restricted and its manufacture, export and imports, sale and use restricted. | severely restricted                              |
| 48. Short-chain chlorinated paraffins (SCCP) | 85535-84-8             | 2903.19.13                |                                                            | National Environmental Management Act, 1998 (Act No. 107 of 1998) with GG No. 44559 of 12 May 2021. Regulation to prohibit the production, distribution, import and export, sales and use of persistent organic pollutants. | The chemicals and its formulation is banned for manufacture, import, export, sale and use.             | Banned in 2021                                   |
| 49. Tetraethyl lead                          | 78-00-2                | 2931.10                   |                                                            | GN R 627 of Government Gazette 28958, of 29 June 2006 Petroleum products Act, 1977 (Act No. 120 of 1977) Department of Energy and Minerals                                                                                  | The chemicals is severely restricted and its manufacture, export and imports, sale and use restricted. | Severely restricted                              |
| 50. Tetramethyl lead                         | 75-74-1                | 2931.10                   |                                                            | GN R 627 of Government Gazette 28958, of 29 June 2006 Petroleum products Act, 1977 (Act No. 120 of 1977) Department of Energy and Minerals                                                                                  | The chemicals is severely restricted and its manufacture, export and imports, sale and use restricted. | Severely restricted                              |
| 51. Toxaphene (Camphechor)                   | 8001-35-2              | 3824.84                   |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) with GN 862 Government Gazette 40166, of 29 July 2016 by Department of Agriculture, Land Reform and Rural Development      | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal            | Banned in 2016                                   |
| 52. Tributyltin compounds:                   |                        |                           |                                                            | The pesticide is no longer registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) from Department of Agriculture, Land                                     | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, | severely restricted and no registrations allowed |
|                                              | Tributyltin benzoate   | 4342-36-3                 | 3808.59                                                    |                                                                                                                                                                                                                             |                                                                                                        |                                                  |
|                                              | Tributyltin chloride   | 1461-22-9                 |                                                            |                                                                                                                                                                                                                             |                                                                                                        |                                                  |
|                                              | Tributyltin fluoride   | 1983-10-4                 |                                                            |                                                                                                                                                                                                                             |                                                                                                        |                                                  |
|                                              | Tributyltin linoleate  | 24124-25-2                |                                                            |                                                                                                                                                                                                                             |                                                                                                        |                                                  |

| Chemical                              | Relevant CAS number(s) | HS Codes (Pure chemicals) | HS Codes (Mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                                           | Use limitations                                                                                                                                              | Status                                           |
|---------------------------------------|------------------------|---------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Tributyltin methacrylate              | 2155-70-6              |                           |                                                            | Reform and Rural Development. The registration lapsed in 2016.                                                                                                                                                                                            | sale, use and disposal. No remaining uses are allowed                                                                                                        |                                                  |
|                                       | 85409-17-2             |                           |                                                            |                                                                                                                                                                                                                                                           |                                                                                                                                                              |                                                  |
|                                       | 56-35-9                |                           |                                                            |                                                                                                                                                                                                                                                           |                                                                                                                                                              |                                                  |
| 53. Tributyltin oxide                 | 52-68-6                | -                         |                                                            | The pesticide is no longer registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) from the Department of Agriculture, Land Reform and Rural Development. The registration lapsed in 2018 | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | severely restricted and no registrations allowed |
| 54. Tris(2,3-dibromopropyl) phosphate | 126-72-7               | 2919.10                   |                                                            |                                                                                                                                                                                                                                                           |                                                                                                                                                              |                                                  |

## B. LIST OF CHEMICALS OTHERWISE LEGALLY CONTROLLED IN SOUTH AFRICA

| Chemical                      | Relevant CAS number(s) | HS Codes (separate chemicals) | HS Codes (mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                              | Use limitations                                                                                                                                                         | Status         |
|-------------------------------|------------------------|-------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1. 2,4-D (dimethylamine salt) | 2008-39-1              | 2921.11                       |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947)<br>Government Notice No. R. | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal<br>Use is not supported as per the label. | banned in 1991 |

| Chemical | Relevant CAS number(s)                      | HS Codes (separate chemicals) | HS Codes (mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                     | Use limitations                                                                                                                                                                                                                                                                                                              | Status                                                                |
|----------|---------------------------------------------|-------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 2.       | 2,4-D esters                                | 1928-43-4                     |                                                            | 2370 of 27 September 1991. Department of Agriculture, Land Reform and Rural Development                                                                                                                             | Banned in parts of the magisterial districts of Camperdown, Pietermaritzburg and Richmond. Aerial application in KwaZulu Natal was banned in 1991                                                                                                                                                                            | banned in 1991                                                        |
| 3.       | 2,4-DB (sodium salt)                        | 2707-72-9                     |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947)<br>Government Notice No. R 2370 of 27 September 1991. Department of Agriculture, Land Reform and Rural Development | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal<br>Use is not supported as per the label.<br>Banned in parts of the magisterial districts of Camperdown, Pietermaritzburg and Richmond. Aerial application in KwaZulu Natal was banned in 1991 | banned in 1991                                                        |
| 4.       | Antimony potassium tartrate (tartar emetic) | 28300-74-5                    |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947)<br>Government Notice No. R 2370 of 27 September 1991. Department of Agriculture, Land Reform and Rural Development | The pesticide and its formulations are severely restricted for import, export, possession, acquisition, sale, use and disposal<br>Use is not supported as per the label.<br>Banned in parts of the magisterial districts KwaZulu Natal<br>Aerial application in KwaZulu Natal was banned in 1991                             | severely restricted and no registrations allowed for all formulations |

|    | Chemical                            | Relevant CAS number(s) | HS Codes (separate chemicals) | HS Codes (mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                     | Use limitations                                                                                                                                                                                                                                 | Status                                                                                                                                                                                      |
|----|-------------------------------------|------------------------|-------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5. | Arsenic and its compounds           |                        |                               |                                                            | Land Reform and Rural Development                                                                                                                                                                                   |                                                                                                                                                                                                                                                 |                                                                                                                                                                                             |
|    | Arsenic pentoxide                   | 1303-28-2              |                               |                                                            | The pesticide is no longer registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947).<br>Department of Agriculture, Land Reform and Rural Development | The pesticide and its formulations are severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed.                                                                                  | severely restricted and no registrations allowed for all formulations<br><br>All uses of any inorganic arsenic containing compound on plant material (except on citrus) were banned in 1983 |
|    | Arsenic trioxide                    | 1327-53-3              |                               |                                                            |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                                                                                             |
|    | Cacodylic acid, dimethylarsenic     | 75-60-5                |                               |                                                            |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                                                                                             |
|    | Cacodylate, sodium dimethylarsinate | 124-65-2               |                               |                                                            |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                                                                                             |
|    | Chromated copper arsenate CCA       | 75-60-5                |                               |                                                            |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                                                                                             |
|    | Calcium arsenate                    | 1327-53-3              |                               |                                                            |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                                                                                             |
|    | Copper arsenate                     | 10103-61-4             |                               |                                                            |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                                                                                             |
|    | Lead arsenate                       | 7784-40-9              |                               |                                                            |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                                                                                             |
|    | MSMA                                | 2163-80-6              |                               |                                                            |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                                                                                             |
|    | Sodium arsenate                     | 13464-38-5             |                               |                                                            |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                                                                                             |
| 6. | Sodium arsenite                     | 7784-46-5              | 2933.69.30                    |                                                            | The pesticide is no longer registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947).<br>Department of Agriculture, Land Reform and Rural Development | The pesticide and its formulations are severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed.<br>Use withdrawn for heavy clay soils Industrial use withdrawn on 31 March 1995. | severely restricted since 1995 and use label is not supported as per the label.                                                                                                             |
|    | Atrazine                            | 1912-24-9              |                               |                                                            |                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                                                                                             |
| 7. | Azinphos-ethyl                      | 2642-71-9              |                               |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947 - GN 862 Government Gazette                                                                                         | The pesticide and its formulations are severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed)                                                                                  | Banned in 2016                                                                                                                                                                              |

| Chemical                                 | Relevant CAS number(s) | HS Codes (separate chemicals) | HS Codes (mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                               | Use limitations                                                                                                                                              | Status                                                                |
|------------------------------------------|------------------------|-------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 8. Brodifacoum                           |                        |                               |                                                            | 40166, of 29 July 2016. Department of Agriculture, Land Reform and Rural Development                                                                                                                                                          | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | severely restricted and no registrations allowed for all formulations |
| 9. Carbon tetrachloride                  | 56-23-5                | 2903.14.00                    |                                                            | Environmental Management: Air Quality Act, 2004. (Act No 39 of 2004). The Regulations regarding phase-out and Management of ozone depleting substances, GN R351, GG 37621 of 8 May 2014. Department of Forestry Fisheries and the Environment | The chemical is banned                                                                                                                                       | banned since 2014                                                     |
| 10. Chloropicrin (Trichloronitromethane) | 76-06-2                | 2904.91                       |                                                            | The pesticide is no longer registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). Department of Agriculture,                                                                | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | severely restricted and no registrations allowed for all formulations |

|     | Chemical         | Relevant CAS number(s) | HS Codes (separate chemicals) | HS Codes (mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                                         | Use limitations                                                                                                                                              | Status                                                                |
|-----|------------------|------------------------|-------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 11. | Chlorpyrifos     | 2921-88-2              | -                             | -                                                          | Land Reform and Rural Development<br>Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947).<br>Government Notice No. R. 375, of 14 May 2010.<br>Department of Agriculture, Land Reform and Rural Development | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | Banned in 2010                                                        |
| 12. | Coumatetralyl    | 5836-29-3              | -                             | -                                                          | The pesticide is no longer registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947).<br>Department of Agriculture, Land Reform and Rural Development                                     | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | severely restricted and no registrations allowed for all formulations |
| 13. | Demeton-S-methyl | 919-86-8               | -                             | -                                                          | The pesticide is no longer registered in terms of Act Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947).<br>Department of Agriculture, Land Reform and Rural Development. Registration lapsed in 2017    | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed | severely restricted and no registrations allowed for all formulations |

| Chemical                                                                                       | Relevant CAS number(s) | HS Codes (separate chemicals) | HS Codes (mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                   | Use limitations                                                                                                                                                                                                                                                                                 | Status                                           |
|------------------------------------------------------------------------------------------------|------------------------|-------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 14. Dibromochloropropane<br>1,2-dibromo-3-chloropropane                                        | 96-12-8                | -                             |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). GN No. 862, of 29 July 2016. Department of Agriculture, Land Reform and Rural Development                       | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed                                                                                                                                    | Banned in 2016                                   |
| 15. Dicamba                                                                                    | 1918-00-9              | -                             |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). Government Notice No. R 2370 of 27 September 1991. Department of Agriculture, land Reform and Rural Development | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal<br>Use is not supported as per the label.<br>Banned in parts of the magisterial districts KwaZulu Natal<br>Aerial application in KwaZulu Natal was banned in 1991 | banned in 1991                                   |
| 16. Dicofof<br>Dicofof containing < 78% p,p' Dicofof or 1g/kg of DDT and DDT related compounds | 115-32-2               | 2906                          |                                                            | The pesticide is not Registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947). Department of Agriculture, Land Reform and Rural Development        | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed                                                                                                                                                                      | severely restricted and no registrations allowed |
| 17. Difethialone                                                                               |                        |                               |                                                            | The pesticide is not Registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947                                                                                           | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed                                                                                                                                                                      | severely restricted and no registrations allowed |



| Chemical | Relevant CAS number(s)                              | HS Codes (separate chemicals) | HS Codes (mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                                                                                            | Use limitations                                                                                                                                                                                  | Status                                                                       |
|----------|-----------------------------------------------------|-------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| 18.      | Diphacinone                                         | 82-66-6                       | -                                                          | (Act No. 36 of 1947).<br>Department of Agriculture, Land Reform and Rural Development<br><br>The pesticide is not Registered in terms of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947).<br>Department of Agriculture, Land Reform and Rural Development | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed                                                                       | severely restricted and no registrations allowed                             |
| 19.      | Disulfoton                                          | 298-04-4                      | -                                                          | The pesticide is no longer registered. Expired in 2000.<br>Department of Agriculture, Land Reform and Rural Development                                                                                                                                                                                    | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed                                                                       | severely restricted and no registrations allowed                             |
| 20.      | Fluoroacetic acid (mono), its salts and derivatives | 144-49-0                      | -                                                          | The pesticide is no longer registered. Expired in 2000.<br>Department of Agriculture, Land Reform and Rural Development                                                                                                                                                                                    | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed                                                                       | severely restricted and no registrations allowed                             |
| 21.      | Hydrogen cyanide (hydrocyanic acid)                 | 74-90-8                       | 2811.12                                                    | The pesticide is no longer registered. Expired in 2000.<br>Department of Agriculture, Land Reform and Rural Development<br><br>Severely restricted in terms of the Non-Proliferation of weapons of Mass                                                                                                    | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed<br><br>Imports and exports transactions require consultation with the | severely restricted and no registrations allowed<br><br>Severely restricted. |

| Chemical                      | Relevant CAS number(s) | HS Codes (separate chemicals) | HS Codes (mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                     | Use limitations                                                                                                                                                                                                                                                                                                                 | Status              |
|-------------------------------|------------------------|-------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 22. Kepone                    |                        |                               |                                                            | Destruction Act, 1993 (Act No. 87 of 1993)<br>Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947).<br>Government Notice No. R 862 of 29 July 2016                      | Department of Trade Industry and Competition permit required<br>The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed                                                                                                                                      | Banned in 2016      |
| 23. Leptophos                 | 21609-90-5             | -                             |                                                            | Voluntarily withdrawn in 1989 from Fertilizers, Farm Feeds, Agricultural Remedies Act, 1947 (Act No. 36 of 1947)                                                                                                    | Pesticide registration withdrawn in 1980 and restricted for import, export, possession and acquisition, sale and use.                                                                                                                                                                                                           | Severely restricted |
| 24. MCPA (dimethylamine salt) | 3653-48-3              | -                             |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947)<br>Government Notice No. R 2370 of 27 September 1991. Department of Agriculture, Land Reform and Rural Development | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal<br>Use is not supported as per the label.<br>Banned in parts of the magisterial districts of Camperdown, Pietermaritzburg and Richmond.<br>Aerial application in KwaZulu Natal was banned in 1991 | banned in 1991      |
| 25. MCPA (potassium salt)     | 67953-76-8             | -                             |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947)<br>Government Notice No. R 2370 of 27 September 1991. Department of Agriculture, Land Reform and Rural Development | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal<br>Use is not supported as per the label.<br>Banned in parts of the magisterial districts of Camperdown, Pietermaritzburg and Richmond.                                                           | banned in 1991      |

|     | Chemical                      | Relevant CAS number(s)                                            | HS Codes (separate chemicals) | HS Codes (mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                       | Use limitations                                                                                                                                                                                                                                                                                                                                                                           | Status                                       |
|-----|-------------------------------|-------------------------------------------------------------------|-------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| 26. | MCPB (sodium salt)            | 13840-56-7                                                        | -                             |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947)<br>Government Notice No. R 2370 of 27 September 1991. Department of Agriculture, Land Reform and Rural Development                   | Aerial application in KwaZulu Natal was banned in 1991<br>The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal<br>Use is not supported as per the label.<br>Banned in parts of the magisterial districts of Camperdown, Pietermaritzburg and Richmond.<br>Aerial application in KwaZulu Natal was banned in 1991 | banned in 1991                               |
| 27. | Methyl bromide                | 74-83-9                                                           | 2903.39.11                    |                                                            | Environmental Management: Air Quality Act, 2004 (Act No 39 of 2004). The Regulations regarding phase-out and Management of ozone depleting substances, GN R351 of 8 May 2014.<br>Department of Forestry Fisheries and the Environment | The chemical is banned<br>Severely restricted for the Quarantine and pre-shipment (QPS) and nomination (CUN) for structural fumigation and mills                                                                                                                                                                                                                                          | banned since 2015                            |
| 28. | Mercury and mercury compounds |                                                                   |                               |                                                            | Minamata Convention                                                                                                                                                                                                                   | Mercury compounds restricted through Minamata Convention                                                                                                                                                                                                                                                                                                                                  |                                              |
| 29. | Nonylphenols C6H4 (OH) C9H19: | 25154-52-3<br>84852-15-3<br>11066-49-2<br>90481-04-2,<br>104-40-5 | 2907.13                       |                                                            | Voluntarily withdrawn in 2010 from Fertilizers, Farm Feeds, Agricultural Remedies Act, 1947 (Act No. 36 of 1947) with the Department of Agriculture,                                                                                  | Pesticide registration withdrawn in 2010 and restricted for import, export, possession and acquisition, sale and use.                                                                                                                                                                                                                                                                     | Severely restricted and withdrawn since 2010 |

|     | Chemical                                                                                      | Relevant CAS number(s)                                   | HS Codes (separate chemicals) | HS Codes (mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                                                      | Use limitations                                                                                                                                                                                              | Status              |
|-----|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 30. | Nonylphenol ethoxylates (C <sub>2</sub> H <sub>4</sub> O) nC <sub>15</sub> H <sub>24</sub> O: | 9016-45-9, 26027-383, 68412-54-4, 37205-87-1, 12708787-0 |                               |                                                            | Land Reform and Rural Development<br>Voluntarily withdrawn in 2010 from Fertilizers, Farm Feeds, Agricultural Remedies Act, 1947 (Act No. 36 of 1947) with Department of Agriculture, Land Reform and Rural Development                              | Pesticide registration withdrawn in 2010 and restricted for import, export, possession and acquisition, sale and use.                                                                                        | Severely restricted |
| 31. | Phosphorus                                                                                    | 7723-14-0                                                |                               |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947)<br>Government Notice No. 862, of 29 July 2016. It was registered for agricultural use. Department of Agriculture, Land Reform and Rural Development | It was registered for agricultural use and was withdrawn in the late 1980s and banned for import, export, possession, acquisition, sale, use and disposal. In 2016 Elementary phosphorus has not been banned | Banned in 2016      |
| 32. | Propham                                                                                       | 122-42-9                                                 | -                             |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947)<br>Government Notice No. 862, of 29 July 2016. Department of Agriculture, Land Reform and Rural Development                                         | The pesticide is banned for import, export, possession, acquisition, sale, use and disposal. No remaining uses are allowed                                                                                   | Banned in 2016      |
| 33. | Tetrachlorodiphenylethane (TDE)                                                               | 72-54-8                                                  | -                             |                                                            | Voluntarily withdrawn in 2010 from Fertilizers, Farm                                                                                                                                                                                                 | Pesticide registration withdrawn in 2010 and restricted for import, export,                                                                                                                                  | Severely restricted |

| Chemical           | Relevant CAS number(s) | HS Codes (separate chemicals) | HS Codes (mixtures, preparations containing the chemicals) | Responsible Authority and Legislative Framework                                                                                                                                                                  | Use limitations                                                                                                                                                                                                                                                                                                                 | Status              |
|--------------------|------------------------|-------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 34. Tridopyr ether | 60825-27-6             |                               |                                                            | Feeds, Agricultural Remedies Act, 1947 (Act No. 36 of 1947) with Department of Agriculture, Land Reform and Rural Development                                                                                    | possession and acquisition, sale and use.                                                                                                                                                                                                                                                                                       |                     |
|                    |                        |                               |                                                            | Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947) Government Notice No. R 2370 of 27 September 1991. Department of Agriculture, Land Reform and Rural Development | The pesticide and its formulations is severely restricted for import, export, possession, acquisition, sale, use and disposal<br>Use is not supported as per the label.<br>Banned in parts of the magisterial districts of Camperdown, Pietermaritzburg and Richmond.<br>Aerial application in KwaZulu Natal was banned in 1991 | banned in 1991      |
| 35. Vinclozolin    | 50471-44-8             | -                             |                                                            | Voluntarily withdrawn in 2010 from Fertilizers, Farm Feeds, Agricultural Remedies Act, 1947 (Act No. 36 of 1947) with Department of Agriculture, Land Reform and Rural Development                               | Pesticide registration withdrawn in 2010 and restricted for import, export, possession and acquisition, sale and use.                                                                                                                                                                                                           | Severely restricted |

## ANNEXURE II



## ROTTERDAM CONVENTION

SECRETARIAT FOR THE ROTTERDAM CONVENTION  
ON THE PRIOR INFORMED CONSENT PROCEDURE  
FOR CERTAIN HAZARDOUS CHEMICALS AND PESTICIDES  
IN INTERNATIONAL TRADE



## Form for Export Notification

**Note:** This export notification is provided by the DNA of South Africa in accordance to Article 12 of the Rotterdam Convention. The country of import is kindly requested to **acknowledge** receipt of this export notification within 30 days of the date indicated in section 7, preferably by using the attached form.

Reference Number:

Country of export

Country of import

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## SECTION 1

## IDENTITY OF THE CHEMICAL SUBJECT TO THE EXPORT NOTIFICATION

1.1 Common name

1.2 Chemical name according to an internationally recognized nomenclature (e.g. IUPAC)

1.3 Code numbers

1.3.1 CAS number

1.3.2 Harmonized system customs code

1.3.3 Other numbers

(if applicable, specify the numbering system)

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**SECTION 2****IDENTITY OF THE MIXTURE/PREPARATION TO BE EXPORTED**

(Fill in Section 2 only in case of a mixture or preparation)

- 2.1** Trade name and name of the preparation
- 2.2** For each substance in the preparation that is subject to the export notification, concentration (%) and information as specified under SECTION 1

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**SECTION 3****INFORMATION CONCERNING THE EXPORT**

- 3.1** Expected date of export (dd.mm.yy)
- 3.2** Expected amount of the substance or mixture (kg/l per year)
- 3.3** Foreseen category (industrial chemical or pesticide) and foreseen use in country of import
- 3.4** Name, address, telephone, fax and email of the importer
- 3.5** Name, address, telephone, fax and email of the exporter

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**SECTION 4****INFORMATION ON HAZARDS AND /OR RISKS OF THE CHEMICAL/PREPARATION AND PRECAUTIONARY MEASURES**

(Please provide information in the table below or attach a copy of the SDS that covers the information required.)

- 4.1** Hazard classification (e.g. GHS, WHO, IARC, EU)

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|     |                                                                                                           |  |
|-----|-----------------------------------------------------------------------------------------------------------|--|
|     |                                                                                                           |  |
| 4.2 | Information on hazards and/or risks                                                                       |  |
| 4.3 | Information on precautionary measures to reduce exposure to and emission of the chemical                  |  |
| 4.4 | Further information that may be useful to the country of import or has been requested by it, if available |  |
| 4.5 | Reference (e.g. safety data sheet)                                                                        |  |

**SECTION 5****INFORMATION ON PHYSICO-CHEMICAL, TOXICOLOGICAL AND ECOTOXICOLOGICAL PROPERTIES OF THE CHEMICAL/PREPARATION**

(Please provide information in the table below or attach a copy of the SDS that covers the information required.)

**5.1 Summary information****5.2 Reference****SECTION 6****SUMMARY INFORMATION ON ACTION TAKEN BY THE COUNTRY OF EXPORT (FOR OFFICIAL USE ONLY)****6.1 Summary of and reasons for the action and data of entry into force**

**6.2 The action has been taken for the category**☐ **Pesticide**☐ **Industrial chemical****Please indicate:**

- use or uses prohibited
- use or uses that remain allowed
- where available, estimated quantity of the chemical produced, imported, exported and used

**6.3 Reference to the regulatory document****SECTION 7****DESIGNATED NATIONAL AUTHORITIES (DNAs) (FOR OFFICIAL USE ONLY)**

**7.1 Name, address, telephone, fax and email of the notifying DNA in the country of export**

**7.2 Name, address, telephone, fax and email of the DNA in the country of import**

**Date, signature of the notifying DNA in the country of export and official seal:**

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