



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision date 02-May-2022

Revision Number 1

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

|                        |                                    |
|------------------------|------------------------------------|
| Product Code(s)        | DRE-C11290100                      |
| Product Name           | Chlorfenvinphos D10 (di(ethyl D5)) |
| EC No                  | -                                  |
| CAS No                 | 1346606-54-9                       |
| Chemical name          | Chlorfenvinphos D10 (di(ethyl D5)) |
| Pure substance/mixture | Substance                          |
| Formula                | $C_{12}H_{14}D_{10}Cl_3O_4P$       |
| Molecular weight       | 369.6                              |

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

|                      |                          |
|----------------------|--------------------------|
| Recommended use      | Laboratory use           |
| Uses advised against | No information available |

### 1.3. Details of the supplier of the safety data sheet

#### Supplier

LGC Limited  
Queens Road  
Teddington  
Middlesex TW11 0LY  
UNITED KINGDOM  
:+44 (0) 20 8943 7000  
Fax :+44 (0) 20 8943 2767  
eMail : gb@lgcstandards.com

Web : [www.lgcstandards.com](http://www.lgcstandards.com)

For further information, please contact

|                |                          |
|----------------|--------------------------|
| E-mail address | sds-request@lgcgroup.com |
|----------------|--------------------------|

### 1.4. Emergency telephone number

|                     |   |
|---------------------|---|
| Emergency Telephone | For Hazardous Materials or Dangerous Goods Incident |
|---------------------|---|



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Spill, Leak, Fire Exposure, or Accident  
Call CHEMTREC:  
USA & Canada 1-800-424-9300  
Rest of the world +1 703-741-5970

| Emergency Telephone - §45 - (EC)1272/2008 |   |
|---|---|
| Europe                                    | 112   |
| Austria                                   | No information available  |
| Bulgaria                                  |   |
| Croatia                                   |   |
| Cyprus                                    |   |
| Czech Republic                            |   |
| Denmark                                   |   |
| France                                    |   |
| Hungary                                   |   |
| Ireland                                   |   |
| Italy                                     |   |
| Lithuania                                 |   |
| Luxembourg                                | (+352) 8002 5500 Free telephone number with a 24/7 access in French, Dutch and English. |
| Netherlands                               |   |
| Norway                                    |   |
| Portugal                                  |   |
| Romania                                   |   |
| Slovakia                                  |   |
| Slovenia                                  |   |
| Spain                                     |   |
| Sweden                                    |   |
| Switzerland                               |   |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

|   |                     |
|---|---------------------|
| Acute toxicity - Oral                     | Category 2 - (H300) |
| Acute toxicity - Dermal                   | Category 1 - (H310) |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 1 - (H330) |
| Acute aquatic toxicity                    | Category 1 - (H400) |
| Chronic aquatic toxicity                  | Category 1 - (H410) |

### 2.2. Label elements

Contains Chlorfenvinphos D10 (di(ethyl D5))



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**Signal word**  
Danger

## Hazard statements

H300 - Fatal if swallowed  
H310 - Fatal in contact with skin  
H330 - Fatal if inhaled  
H410 - Very toxic to aquatic life with long lasting effects

## Precautionary Statements - EU (§28, 1272/2008)

P260 - Do not breathe dust/fume/gas/mist/vapours/spray  
P262 - Do not get in eyes, on skin, or on clothing  
P273 - Avoid release to the environment  
P280 - Wear protective gloves and protective clothing  
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P310 - Immediately call a POISON CENTER or doctor  
P391 - Collect spillage  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

## 2.3. Other hazards

No information available.

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

| Chemical name                                      | Weight-% | REACH registration number | EC No | Classification according to Regulation (EC) No. 1272/2008 [CLP]                      | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|--|----------|---------------------------|-------|--|------------------------------------|----------|----------------------|
| Chlorfenvinphos D10 (di(ethyl D5))<br>1346606-54-9 | 100      | -                         | -     | Acute Tox. 2 (H300)<br>Acute Tox. 1 (H310)<br>Acute Tox. 1 (H330)<br>Aquatic Acute 1 |                                    |          |                      |



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|  |  |  |  |                                       |  |  |  |
|--|--|--|--|---------------------------------------|--|--|--|
|  |  |  |  | (H400)<br>Aquatic Chronic 1<br>(H410) |  |  |  |
|--|--|--|--|---------------------------------------|--|--|--|

**Full text of H- and EUH-phrases: see section 16**

### Acute Toxicity Estimate

No information available

### **Additional information**

This product contains a stable isotope.

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

|   |  |
|---|--|
| <b>General advice</b>                     | Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.  |
| <b>Inhalation</b>                         | If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen.  |
| <b>Eye contact</b>                        | Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing.   |
| <b>Skin contact</b>                       | Get immediate medical advice/attention. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.  |
| <b>Ingestion</b>                          | Get immediate medical advice/attention. Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person.  |
| <b>Self-protection of the first aider</b> | Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not breathe vapour or mist. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Use personal protective equipment as required. See section 8 for more information. |

### 4.2. Most important symptoms and effects, both acute and delayed

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Coughing and/ or wheezing. Difficulty in breathing. |
|-----------------|---|



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## 4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards arising from the chemical** No information available.

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Do not breathe vapour or mist. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**For emergency responders** Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains.

### 6.3. Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.



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|   |  |
|---|--|
| <b>Methods for cleaning up</b>          | Take up mechanically, placing in appropriate containers for disposal.                |
| <b>Prevention of secondary hazards</b>  | Clean contaminated objects and areas thoroughly observing environmental regulations. |
| <b>6.4. Reference to other sections</b> |  |
| <b>Reference to other sections</b>      | See section 8 for more information. See section 13 for more information.             |

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                                       |   |
|---------------------------------------|---|
| <b>Advice on safe handling</b>        | Do not breathe vapour or mist. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash it before reuse.  |
| <b>General hygiene considerations</b> | Do not breathe vapour or mist. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection. |

### 7.2. Conditions for safe storage, including any incompatibilities

|                           |   |
|---------------------------|---|
| <b>Storage Conditions</b> | Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Please refer to the manufacturer's certificate for specific storage and transport temperature conditions. Store only in the original receptacle unless other advice is given on the CoA. |
|---------------------------|---|

### 7.3. Specific end use(s)

|                                      |  |
|--------------------------------------|--|
| <b>Risk Management Methods (RMM)</b> | The information required is contained in this Safety Data Sheet. |
|--------------------------------------|--|

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

|                        |   |
|------------------------|---|
| <b>Exposure Limits</b> | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
|------------------------|---|



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### Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

### 8.2. Exposure controls

#### Personal protective equipment

**Eye/face protection** Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

**Hand protection** Wear suitable gloves. Impervious gloves. Wear protective Viton™ gloves. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.

**Skin and body protection** Impervious clothing. Long sleeved clothing. Chemical resistant apron. Wear suitable protective clothing.

**Respiratory protection** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General hygiene considerations** Do not breathe vapour or mist. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                        |                          |
|------------------------|--------------------------|
| <b>Physical state</b>  | Liquid                   |
| <b>Appearance</b>      | Oily                     |
| <b>Colour</b>          | colourless               |
| <b>Odour</b>           | Slight chlorine.         |
| <b>Odour threshold</b> | No information available |



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| <u>Property</u>                         | <u>Values</u>            | <u>Remarks • Method</u>  |
|---|--------------------------|--------------------------|
| Melting point / freezing point          | No data available        | None known               |
| Initial boiling point and boiling range | No data available        | None known               |
| Flammability                            | No data available        | None known               |
| Flammability Limit in Air               |                          | None known               |
| Upper flammability or explosive limits  | No data available        |                          |
| Lower flammability or explosive limits  | No data available        |                          |
| Flash point                             | No data available        | None known               |
| Autoignition temperature                | No data available        | None known               |
| Decomposition temperature               |                          | None known               |
| pH                                      | No data available        | None known               |
| pH (as aqueous solution)                | No data available        | No information available |
| Kinematic viscosity                     | No data available        | None known               |
| Dynamic viscosity                       | No data available        | None known               |
| Water solubility                        | No data available        | None known               |
| Solubility(ies)                         | No data available        | None known               |
| Partition coefficient                   | No data available        | None known               |
| Vapour pressure                         | No data available        | None known               |
| Relative density                        | No data available        | None known               |
| Bulk density                            | No data available        |                          |
| Liquid Density                          | No data available        |                          |
| Relative vapour density                 | No data available        | None known               |
| Particle characteristics                |                          |                          |
| Particle Size                           | No information available |                          |
| Particle Size Distribution              | No information available |                          |

### 9.2. Other information

|                   |   |
|-------------------|---|
| Molecular weight  | 369.6   |
| Molecular formula | C <sub>12</sub> H <sub>4</sub> D <sub>10</sub> Cl <sub>3</sub> O <sub>4</sub> P |

9.2.1. Information with regards to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity No information available.

### 10.2. Chemical stability

Stability Stable under normal conditions.





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## Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

## 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

## 10.4. Conditions to avoid

Conditions to avoid Excessive heat.

## 10.5. Incompatible materials

Incompatible materials None known based on information supplied.

Hazardous decomposition products None known based on information supplied.

## **SECTION 11: Toxicological information**

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Information on likely routes of exposure

##### Product Information

|              |  |
|--------------|--|
| Inhalation   | Specific test data for the substance or mixture is not available. Fatal if inhaled. (based on components).           |
| Eye contact  | Specific test data for the substance or mixture is not available.  |
| Skin contact | Specific test data for the substance or mixture is not available. Fatal in contact with skin. (based on components). |
| Ingestion    | Specific test data for the substance or mixture is not available. Fatal if swallowed. (based on components).         |

#### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Coughing and/ or wheezing. Difficulty in breathing.

#### Numerical measures of toxicity

##### Acute toxicity



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## Delayed and immediate effects as well as chronic effects from short and long-term exposure

|  |   |
|--|---|
| <b>Skin corrosion/irritation</b>         | Based on available data, the classification criteria are not met. |
| <b>Serious eye damage/eye irritation</b> | No information available.   |
| <b>Respiratory or skin sensitisation</b> | No information available.   |
| <b>Germ cell mutagenicity</b>            | No information available.   |
| <b>Carcinogenicity</b>                   | No information available.   |
| <b>Reproductive toxicity</b>             | No information available.   |
| <b>STOT - single exposure</b>            | No information available.   |
| <b>STOT - repeated exposure</b>          | No information available.   |
| <b>Aspiration hazard</b>                 | No information available.   |

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

|  |                           |
|--|---------------------------|
| <b>Endocrine disrupting properties</b> | No information available. |
|--|---------------------------|

### 11.2.2. Other information

|                              |                           |
|------------------------------|---------------------------|
| <b>Other adverse effects</b> | No information available. |
|------------------------------|---------------------------|

## **SECTION 12: Ecological information**



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### 12.1. Toxicity

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

### 12.3. Bioaccumulative potential

**Bioaccumulation** No information available.

### 12.4. Mobility in soil

**Mobility in soil** No information available.

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

| Chemical name                      | PBT and vPvB assessment         |
|------------------------------------|---------------------------------|
| Chlorfenvinphos D10 (di(ethyl D5)) | The substance is not PBT / vPvB |

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

### 12.7. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

## SECTION 14: Transport information



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### IATA

|                                   |  |
|-----------------------------------|--|
| 14.1 UN number or ID number       | UN3018   |
| 14.2 UN proper shipping name      | Organophosphorus pesticide, liquid, toxic (Chlorfenvinphos D10 (di(ethyl D5)))                 |
| 14.3 Transport hazard class(es)   | 6.1  |
| 14.4 Packing group                | I  |
| Description                       | UN3018, Organophosphorus pesticide, liquid, toxic (Chlorfenvinphos D10 (di(ethyl D5))), 6.1, I |
| 14.5 Environmental hazards        | Yes  |
| 14.6 Special precautions for user |  |
| Special Provisions                | A3, A4   |
| ERG Code                          | 6L   |

### IMDG

|  |  |
|--|--|
| 14.1 UN number or ID number                                  | UN3018   |
| 14.2 UN proper shipping name                                 | Organophosphorus pesticide, liquid, toxic (Chlorfenvinphos D10 (di(ethyl D5)))                                   |
| 14.3 Transport hazard class(es)                              | 6.1  |
| 14.4 Packing group   | I  |
| Description  | UN3018, Organophosphorus pesticide, liquid, toxic (Chlorfenvinphos D10 (di(ethyl D5))), 6.1, I, Marine pollutant |
| 14.5 Marine pollutant  | P  |
| Environmental hazards  | Yes  |
| 14.6 Special precautions for user                            |  |
| Special Provisions   | 61, 274  |
| EmS-No   | F-A, S-A No information available  |
| 14.7 Maritime transport in bulk according to IMO instruments | No information available   |

### RID

|                                   |   |
|-----------------------------------|---|
| 14.1 UN number or ID number       | UN3018  |
| 14.2 UN proper shipping name      | Organophosphorus pesticide, liquid, toxic (Chlorfenvinphos D10 (di(ethyl D5)))  |
| 14.3 Transport hazard class(es)   | 6.1   |
| 14.4 Packing group                | I   |
| Description                       | UN3018, Organophosphorus pesticide, liquid, toxic (Chlorfenvinphos D10 (di(ethyl D5))), 6.1, I, Environmentally Hazardous |
| 14.5 Environmental hazards        | Yes   |
| 14.6 Special precautions for user |   |
| Special Provisions                | 61, 274, 648  |
| Classification code               | T6  |

### ADR

|                                   |  |
|-----------------------------------|--|
| 14.1 UN number or ID number       | UN3018   |
| 14.2 UN proper shipping name      | Organophosphorus pesticide, liquid, toxic (Chlorfenvinphos D10 (di(ethyl D5)))   |
| 14.3 Transport hazard class(es)   | 6.1  |
| 14.4 Packing group                | I  |
| Description                       | UN3018, Organophosphorus pesticide, liquid, toxic (Chlorfenvinphos D10 (di(ethyl D5))), 6.1, I, (C/E), Environmentally Hazardous |
| 14.5 Environmental hazards        | Yes  |
| 14.6 Special precautions for user |  |



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|                         |              |
|-------------------------|--------------|
| Special Provisions      | 61, 274, 648 |
| Classification code     | T6           |
| Tunnel restriction code | (C/E)        |

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Water hazard class (WGK) non-hazardous to water (nwg)

Poland

SDS created according to the following Polish regulation: Act of February 25, 2011 on chemical substances and their mixtures (Journal of Laws of 2018, item 143, as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing the European Chemicals Agency (EC) as amended. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, as amended. Regulation of the Minister of Health of 10 August 2012 on the criteria and method of classifying chemical substances and their mixtures (Journal of Laws of 2012, item 1018). Regulation of the Minister of Health of 20 April 2012 on labeling packaging of hazardous substances and mixtures and some mixtures (Journal of Laws of 2012, item 445). Regulation of the Minister of Family, Labor and Social Policy of 12 June 2018 on the maximum allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286). Announcement of the Minister of Economy, Labor and Social Policy of August 28, 2003 on the publication of the unified text of the Ordinance of the Minister of Labor and Social Policy on general health and safety at work regulations (Journal of Laws of 2003, No. 169, item 1650). Regulation of the Minister of Health of 30 December 2004 on occupational safety and health related to the presence of chemical agents in the workplace (Journal of Laws of 2005, No. 11, item 86). Act of December 14, 2012 on waste (Journal of Laws of 2013, item 21) Regulation of the Minister of Health of December 30, 2004 on occupational health and safety related to the presence of chemical agents in the workplace (Journal U. of 2005, No. 11, item 86). Waste Act of December 14, 2012 (Journal of Laws of 2013, item 21). Act of 13 June 2013 on the management of packaging and packaging waste, Journal of Laws 2013, item 888). Government statement of September 24, 2002 - European Agreement on the International Carriage of Dangerous Goods by Road (ADR) (Journal of Laws No. 194, item 1629 and Journal of Laws of 2003, No. 207, item 2013 and 2014).

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This



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product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

### DIRECTIVE (EU) 2021/1187 on the marketing and use of explosives precursors

Not applicable

### Persistent Organic Pollutants

Not applicable

### Dangerous substance category per Seveso Directive (2012/18/EU)

H1 - ACUTE TOXIC

H2 - ACUTE TOXIC

E1 - Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

### Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

### International Inventories

TSCA

Contact supplier for inventory compliance status

DSL/NDL

Contact supplier for inventory compliance status

EINECS/ELINCS

Contact supplier for inventory compliance status

ENCS

Contact supplier for inventory compliance status

IECSC

Contact supplier for inventory compliance status

KECL

Contact supplier for inventory compliance status

PICCS

Contact supplier for inventory compliance status

AICS

Contact supplier for inventory compliance status

### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### 15.2. Chemical safety assessment

#### Chemical Safety Report

A Chemical Safety Assessment has been carried out for this substance



# SAFETY DATA SHEET

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Revision Number 1

DRE-C11290100 - Chlorfenvinphos D10 (di(ethyl D5))

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H300 - Fatal if swallowed  
H310 - Fatal in contact with skin  
H330 - Fatal if inhaled  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

#### Legend

SVHC: Substances of Very High Concern for Authorisation:

#### Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)  
Ceiling Maximum limit value \* Skin designation

| Classification procedure  |                    |
|---|--------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used        |
| Acute oral toxicity   | Calculation method |
| Acute dermal toxicity   | Calculation method |
| Acute inhalation toxicity - gas                                 | Calculation method |
| Acute inhalation toxicity - Vapour                              | Calculation method |
| Acute inhalation toxicity - dust/mist                           | Calculation method |
| Skin corrosion/irritation                                       | Calculation method |
| Serious eye damage/eye irritation                               | Calculation method |
| Respiratory sensitisation                                       | Calculation method |
| Skin sensitisation  | Calculation method |
| Mutagenicity  | Calculation method |
| Carcinogenicity   | Calculation method |
| Reproductive toxicity   | Calculation method |
| STOT - single exposure  | Calculation method |
| STOT - repeated exposure  | Calculation method |
| Acute aquatic toxicity  | Calculation method |
| Chronic aquatic toxicity  | Calculation method |
| Aspiration hazard   | Calculation method |
| Ozone   | Calculation method |

#### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))



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U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

Revision date 02-May-2022

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

### Disclaimer

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**End of Safety Data Sheet**