



# 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 16-Sep-2024

Revision Number 1.01

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

### 1.1. Product identifier

**Product Code(s)** DRE-C11043000  
**Product Name** Carfentrazone-ethyl  
**Form** Not applicable

*NOTE [8] - No registration number is given for this substance because it is under the threshold in REACH Article 6(1) and not subject to the registration requirements according to REACH Title II*

**EC No (EU Index No)** 603-291-8  
**CAS No.** 128639-02-1  
**Chemical name** carfentrazone-ethyl (ISO)  
**Pure substance/mixture** Substance  
**Formula** C<sub>15</sub> H<sub>14</sub> Cl<sub>2</sub> F<sub>3</sub> N<sub>3</sub> O<sub>3</sub>  
**Molecular weight** 412.19

### 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



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E-mail address sds-request@lgcgroup.com

## 1.4. Emergency telephone number

Emergency Telephone For Hazardous Materials or Dangerous Goods Incident  
Spill, Leak, Fire Exposure, or Accident  
Call CHEMTREC:  
USA & Canada 1-800-424-9300  
Rest of the world +1 703-741-3877

| Emergency Telephone - §45 - (EC)1272/2008 |                          |
|-------------------------------------------|--------------------------|
| Europe                                    | 112                      |
| Austria                                   | No information available |
| Bulgaria                                  |                          |
| Croatia                                   |                          |
| Cyprus                                    |                          |
| Czech Republic                            |                          |
| Denmark                                   |                          |
| France                                    |                          |
| Hungary                                   |                          |
| Ireland                                   |                          |
| Italy                                     |                          |
| Lithuania                                 |                          |
| Luxembourg                                |                          |
| Netherlands                               |                          |
| Norway                                    |                          |
| Portugal                                  |                          |
| Romania                                   |                          |
| Slovakia                                  |                          |
| Slovenia                                  |                          |
| Spain                                     |                          |
| Sweden                                    |                          |
| Switzerland                               |                          |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to  
Regulation (EC) No. 1272/2008 [CLP]

|                          |                     |
|--------------------------|---------------------|
| Acute aquatic toxicity   | Category 1 - (H400) |
| Chronic aquatic toxicity | Category 1 - (H410) |



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## 2.2. Label elements

603-291-8



Signal word  
Warning

## Hazard statements

H410 - Very toxic to aquatic life with long lasting effects

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

P273 - Avoid release to the environment

P391 - Collect spillage

P501 - Dispose of contents/ container to an approved waste disposal plant

## 2.3. Other hazards

No information available.

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

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

| Chemical name             | EU - REACH (1907/2006) - Article 59(1)<br>- Candidate List of Substances of Very<br>High Concern (SVHC) for Authorisation | EU - REACH (1907/2006) - Endocrine<br>Disruptor Assessment List of<br>Substances |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| carfentrazone-ethyl (ISO) | -                                                                                                                         | -                                                                                |

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

| Chemical name       | Weight-% | REACH registration<br>number | EC No (EU<br>Index No) | Classification according<br>to Regulation (EC) No.<br>1272/2008 [CLP] | Specific<br>concentration<br>limit (SCL) | M-Factor | M-Factor<br>(long-term) |
|---------------------|----------|------------------------------|------------------------|-----------------------------------------------------------------------|------------------------------------------|----------|-------------------------|
| carfentrazone-ethyl | 100      | -                            | 603-291-8              | Aquatic Acute 1 (H400)                                                | -                                        |          |                         |



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|                      |  |  |  |                             |  |  |  |
|----------------------|--|--|--|-----------------------------|--|--|--|
| (ISO)<br>128639-02-1 |  |  |  | Aquatic Chronic 1<br>(H410) |  |  |  |
|----------------------|--|--|--|-----------------------------|--|--|--|

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

## Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name                            | Oral LD50 mg/kg | Dermal LD50<br>mg/kg | Inhalation LC50 - 4<br>hour - dust/mist - mg/L | Inhalation LC50 - 4<br>hour - vapour - mg/L | Inhalation LC50 - 4<br>hour - gas - ppm |
|------------------------------------------|-----------------|----------------------|------------------------------------------------|---------------------------------------------|-----------------------------------------|
| carfentrazone-ethyl (ISO)<br>128639-02-1 | 5143            | 4000                 | No data available                              | No data available                           | No data available                       |

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

|              |                                                                                                                      |
|--------------|----------------------------------------------------------------------------------------------------------------------|
| Inhalation   | Remove to fresh air.                                                                                                 |
| Eye contact  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.<br>Consult a doctor. |
| Skin contact | Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.                    |
| Ingestion    | Rinse mouth.                                                                                                         |

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

|          |                           |
|----------|---------------------------|
| Symptoms | No information available. |
|----------|---------------------------|

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

|                 |                        |
|-----------------|------------------------|
| Note to doctors | Treat symptomatically. |
|-----------------|------------------------|



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## 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** Ensure adequate ventilation.

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

### 6.2. Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

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

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

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.



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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Ensure adequate ventilation.

**General hygiene considerations** 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

**Storage Conditions** 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)

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

| Chemical name                            | Ireland | Italy MDLPS | Italy AIDII              | Latvia | Lithuania |
|------------------------------------------|---------|-------------|--------------------------|--------|-----------|
| carfentrazone-ethyl (ISO)<br>128639-02-1 | -       | -           | TWA: 1 mg/m <sup>3</sup> | -      | -         |

#### Biological occupational exposure limits

| Chemical name                            | Latvia | Luxembourg | Romania                                                | Slovakia |
|------------------------------------------|--------|------------|--------------------------------------------------------|----------|
| carfentrazone-ethyl (ISO)<br>128639-02-1 | -      | -          | 5 mg/g Creatinine - urine<br>(Fluorine) - end of shift | -        |

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

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



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## 8.2. Exposure controls

### Personal protective equipment

|                                 |                                                                                                                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/face protection             | Avoid contact with eyes. Wear safety glasses with side shields (or goggles).                                                                                                          |
| Hand protection                 | The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374. Wear protective Viton™ gloves.                        |
| Skin and body protection        | Wear suitable protective clothing.                                                                                                                                                    |
| Respiratory protection          | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.              |
| General hygiene considerations  | 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

|                 |                          |
|-----------------|--------------------------|
| Physical state  | Liquid                   |
| Appearance      | Viscous                  |
| Colour          | yellow                   |
| Odour           | Faint odor.              |
| Odour threshold | No information available |

| Property                                | Values            | Remarks • Method |
|-----------------------------------------|-------------------|------------------|
| Melting point / freezing point          | -22.1 °C          | None known       |
| Initial boiling point and boiling range | 350 - 355 °C      | 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       |



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|                            |                          |                          |
|----------------------------|--------------------------|--------------------------|
| 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           | Insoluble 29.3 mg/L      | None known               |
| Solubility(ies)            | Methanol, Chloroform     |                          |
| Partition coefficient      | 3.36                     | None known               |
| Vapour pressure            | No data available        | None known               |
| Relative density           | 1.46                     | 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  | 412.19               |
| Molecular formula | C15 H14 Cl2 F3 N3 O3 |

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.

### 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 None known based on information supplied.



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## 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.

**Eye contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

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

**Symptoms** No information available.

#### Numerical measures of toxicity

##### Acute toxicity

##### Component Information

| Chemical name             | Oral LD50            | Dermal LD50          | Inhalation LC50         |
|---------------------------|----------------------|----------------------|-------------------------|
| carfentrazone-ethyl (ISO) | = 5143 mg/kg ( Rat ) | > 4000 mg/kg ( Rat ) | = 5.09 mg/L ( Rat ) 4 h |

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

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.



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Serious eye damage/eye irritation No information available.

Respiratory or skin sensitisation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

#### 11.2.2. Other information

Other adverse effects No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity Very toxic to aquatic life with long lasting effects.

| Chemical name             | Algae/aquatic plants                                | Fish                                              | Toxicity to microorganisms | Crustacea                                     |
|---------------------------|-----------------------------------------------------|---------------------------------------------------|----------------------------|-----------------------------------------------|
| carfentrazone-ethyl (ISO) | EC50: 0.012 mg/L (72h, <i>Anabaena flos-aquae</i> ) | LC50: 1.6 mg/L (96h, <i>Oncorhynchus mykiss</i> ) | -                          | EC50: > 9.8 mg/L (48h, <i>Daphnia magna</i> ) |



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|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

## 12.2. Persistence and degradability

Persistence and degradability No information available.

## 12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

### Component Information

| Chemical name             | Partition coefficient |
|---------------------------|-----------------------|
| carfentrazone-ethyl (ISO) | 3.36                  |

## 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).

## 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       | UN3082                                                                                           |
| 14.2 UN proper shipping name      | Environmentally hazardous substances, liquid, n.o.s. (carfentrazone-ethyl (ISO))                 |
| 14.3 Transport hazard class(es)   | 9                                                                                                |
| 14.4 Packing group                | III                                                                                              |
| Description                       | UN3082, Environmentally hazardous substances, liquid, n.o.s. (carfentrazone-ethyl (ISO)), 9, III |
| 14.5 Environmental hazards        | Yes                                                                                              |
| 14.6 Special precautions for user |                                                                                                  |
| Special Provisions                | A97, A158, A197, A215                                                                            |
| ERG Code                          | 9L                                                                                               |

## IMDG

|                                                              |                                                                                                                    |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 14.1 UN number or ID number                                  | UN3082                                                                                                             |
| 14.2 UN proper shipping name                                 | Environmentally hazardous substances, liquid, n.o.s. (carfentrazone-ethyl (ISO))                                   |
| 14.3 Transport hazard class(es)                              | 9                                                                                                                  |
| 14.4 Packing group                                           | III                                                                                                                |
| Description                                                  | UN3082, Environmentally hazardous substances, liquid, n.o.s. (carfentrazone-ethyl (ISO)), 9, III, Marine pollutant |
| 14.5 Marine pollutant                                        | P                                                                                                                  |
| Environmental hazards                                        | Yes                                                                                                                |
| 14.6 Special precautions for user                            |                                                                                                                    |
| Special Provisions                                           | 274, 335, 969                                                                                                      |
| EmS-No.                                                      | F-A, S-F No information available                                                                                  |
| 14.7 Maritime transport in bulk according to IMO instruments | No information available                                                                                           |

## RID

|                                   |                                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------|
| 14.1 UN number or ID number       | UN3082                                                                                           |
| 14.2 UN proper shipping name      | Environmentally hazardous substances, liquid, n.o.s. (carfentrazone-ethyl (ISO))                 |
| 14.3 Transport hazard class(es)   | 9                                                                                                |
| 14.4 Packing group                | III                                                                                              |
| Description                       | UN3082, Environmentally hazardous substances, liquid, n.o.s. (carfentrazone-ethyl (ISO)), 9, III |
| 14.5 Environmental hazards        | Yes                                                                                              |
| 14.6 Special precautions for user |                                                                                                  |
| Special Provisions                | 274, 335, 375, 601                                                                               |
| Classification code               | M6                                                                                               |

## ADR

|                                 |                                                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------------------------|
| 14.1 UN number or ID number     | UN3082                                                                                                |
| 14.2 UN proper shipping name    | Environmentally hazardous substances, liquid, n.o.s. (carfentrazone-ethyl (ISO))                      |
| 14.3 Transport hazard class(es) | 9                                                                                                     |
| 14.4 Packing group              | III                                                                                                   |
| Description                     | UN3082, Environmentally hazardous substances, liquid, n.o.s. (carfentrazone-ethyl (ISO)), 9, III, (-) |



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14.5 Environmental hazards Yes  
14.6 Special precautions for user  
Special Provisions 274, 335, 601, 375  
Classification code M6  
Tunnel restriction code (-)

## SECTION 15: Regulatory information

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

#### National regulations

##### Germany

Water hazard class (WGK) strongly hazardous to water (WGK 3)  
TA Luft (German Air Pollution Control Regulation)

##### 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 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)

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

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

Not applicable

#### EU - Plant Protection Products (1107/2009/EC)

|               |                                               |
|---------------|-----------------------------------------------|
| Chemical name | EU - Plant Protection Products (1107/2009/EC) |
|---------------|-----------------------------------------------|



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|                                         |                        |
|-----------------------------------------|------------------------|
| carfentrazone-ethyl (ISO) - 128639-02-1 | Plant protection agent |
|-----------------------------------------|------------------------|

## International Inventories

### **TSCA**

LGC has not confirmed that the chemical substances in this product are on the TSCA Inventory, and LGC is distributing this product solely for use either in applications statutorily exempt from TSCA and regulated under other laws (e.g., FFDCA, FIFRA) or in research and development activities in accordance with the TSCA Inventory R&D exemption provided at 40 CFR 720.36. It is the end-user's responsibility to understand and follow the requirements that apply to its use of this product.

### **DSL/NDSL**

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

### **KECI**

Contact supplier for inventory compliance status

### **PICCS**

Contact supplier for inventory compliance status

### **AIIC**

Contact supplier for inventory compliance status

## Legend:

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

**DSL/NDSL** - 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 is not required for this substance

## **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**

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:



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## Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average)  
Ceiling Maximum limit value

STEL  
Sk\*

STEL (Short Term Exposure Limit)  
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) (AELG(s))  
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



# 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** 16-Sep-2024

**Revision Number** 1.01

**DRE-C11043000 - Carfentrazone-ethyl**

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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** 16-Sep-2024

**Reason for revision** Emergency contact information Chemical Safety Report Endocrine Disruptor Information

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

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**End of Safety Data Sheet**