

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

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

#### 1.1 Product identifier

Trade name : FICAM D

Product code : Article/SKU: 86195569 UVP: 05936500 Specification:  
10200001385

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

Use of the Sub-  
stance/Mixture : Insecticide

Recommended restrictions  
on use : Not applicable

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

Company : 2022 Environmental Science FR S.A.S.  
For GB - Milton Hall, Ely Rd, Milton, Cambridge CB24 6WZ United Kingdom  
For IE/NL - 3 Place Giovanni Da Verrazzano 69009 Lyon, France

Telephone : 00800 1214 9451

E-mail address of person  
responsible for the SDS : service.clients.es.france@envu.com

#### 1.4 Emergency telephone number

For Emergency or Spill call:  
+44 20 3807 3798 (24/7 multilingual support)

IE: National Poisons Information Centre (for public):  
01 809 2166

IE: National Poisons Information Centre (for professionals):  
01 809 2566

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008)**

Long-term (chronic) aquatic hazard, Category 1 H410: Very toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008)**

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

Hazard pictograms :



Signal word :

Warning

Hazard statements :

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements :

**Prevention:**

P273 Avoid release to the environment.

**Response:**

P391 Collect spillage.

**Disposal:**

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

### Additional Labelling

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Dust contact with the eyes can lead to mechanical irritation.

Contact with dust can cause mechanical irritation or drying of the skin.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Dustable powder (DP)

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Bendiocarb	22781-23-3 245-216-8	Acute Tox. 2; H300 Acute Tox. 3; H331	>= 1 - < 2.5

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version 1.0      Revision Date: 29.03.2023      SDS Number: 11187391-00001      Date of last issue: -  
Date of first issue: 29.03.2023

	006-046-00-8	Acute Tox. 3; H311 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 <hr/> M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 100 <hr/> Acute toxicity estimate <hr/> Acute oral toxicity: 25 mg/kg Acute inhalation toxicity (dust/mist): 0.55 mg/l Acute dermal toxicity: 566 mg/kg	
Quartz	14808-60-7 238-878-4	Carc. 1A; H350i STOT RE 1; H372 (Lungs)	>= 0.1 - < 1

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
In the case of accident or if you feel unwell, seek medical advice immediately.  
When symptoms persist or in all cases of doubt seek medical advice.
- Protection of first-aiders : No special precautions are necessary for first aid responders.
- If inhaled : If inhaled, remove to fresh air.  
Get medical attention if symptoms occur.
- In case of skin contact : Wash with water and soap.  
Get medical attention if symptoms occur.
- In case of eye contact : If in eyes, rinse well with water.  
Get medical attention if irritation develops and persists.
- If swallowed : If swallowed, DO NOT induce vomiting.  
Get medical attention if symptoms occur.  
Rinse mouth thoroughly with water.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

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

Symptoms : Temporary blurred vision due to contraction of the pupils (miosis) following contact with the eyes.  
Nausea  
Vomiting  
Convulsions  
Somnolence  
Diarrhoea  
Coma  
decrease in heart rate  
Lowered blood pressure  
Salivation  
Bronchial hypersecretion  
Sweating  
muscle twitching  
Breathing difficulties  
Hypothermia  
Spasm  
Respiratory paralysis  
Respiratory failure

Risks : Contact with dust can cause mechanical irritation or drying of the skin.  
Dust contact with the eyes can lead to mechanical irritation.  
This product is a cholinesterase inhibitor carbamate.

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

Treatment : Monitor: respiratory, cardiac and central nervous system.  
In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours.  
However, the application of activated charcoal and sodium sulphate is always advisable.  
Oxygen or artificial respiration if needed.  
In case of convulsions, a benzodiazepine (e.g. diazepam) should be given according to standard regimens.  
Keep respiratory tract clear.  
Monitor: blood picture.  
Monitor: red blood cell and plasma cholinesterase.  
ECG - monitoring (Electrocardiogram).  
The following antidote is generally accepted: atropine.  
Before antidote is administered, either clear symptoms of poisoning have to be present or the cholinesterase activity is inhibited to below 30% of normal.  
Contraindications: oximes (pralidoxime, obidoxime).  
Do not use oximes such as 2-PAM unless organophosphate intoxication is suspected.  
Watch for pulmonary edema, which may develop in serious cases of poisoning even after 24-48 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.  
Contraindications: derivatives of morphine.  
The product inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

system, and the somatic motor nerves.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : None known.

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

Specific hazards during fire-fighting : Exposure to combustion products may be a hazard to health.

Hazardous combustion products : Metal oxides  
Silicon oxides  
Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.

### SECTION 6: Accidental release measures

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

Personal precautions : Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).

#### 6.2 Environmental precautions

Environmental precautions : Avoid release to the environment.  
Prevent further leakage or spillage if safe to do so.  
Retain and dispose of contaminated wash water.  
Local authorities should be advised if significant spillages cannot be contained.

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

Methods for cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).  
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.  
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
- Local/Total ventilation : Use only with adequate ventilation.
- Advice on safe handling : Do not breathe dust.  
Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment  
Minimize dust generation and accumulation.  
Keep container closed when not in use.  
Take care to prevent spills, waste and minimize release to the environment.
- Hygiene measures : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

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

- Requirements for storage areas and containers : Keep in properly labelled containers. Store in accordance with the particular national regulations.
- Advice on common storage : Do not store with the following product types:  
Strong oxidizing agents

### 7.3 Specific end use(s)

- Specific use(s) : Refer to the label and/or leaflet.
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version 1.0      Revision Date: 29.03.2023      SDS Number: 11187391-00001      Date of last issue: -  
Date of first issue: 29.03.2023

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Talc	14807-96-6	TWA (Respirable dust)	1 mg/m <sup>3</sup>	GB EH40
Quartz	14808-60-7	TWA (Respirable dust)	0.1 mg/m <sup>3</sup>	2004/37/EC
Further information: Carcinogens or mutagens				
		TWA (Respirable fraction)	0.1 mg/m <sup>3</sup> (Silica)	GB EH40
Further information: Capable of causing cancer and/or heritable genetic damage.				

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Bendiocarb	Fresh water	0.88 µg/l
	Freshwater - intermittent	0.088 µg/l
	Soil	0.19 mg/kg dry weight (d.w.)

## 8.2 Exposure controls

### Engineering measures

Ensure adequate ventilation, especially in confined areas.  
Minimize workplace exposure concentrations.  
Apply measures to prevent dust explosions.  
Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

### Personal protective equipment

Eye/face protection : Wear the following personal protective equipment:  
Safety goggles  
Equipment should conform to EN 166

### Hand protection

Material : Nitrile rubber  
Break through time : > 480 min  
Glove thickness : > 0.4 mm  
Directive : Equipment should conform to EN 374

Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

Skin and body protection : Skin should be washed after contact.

Respiratory protection : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.  
Equipment should conform to EN 143

Filter type : Particulates type (P)

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : powder

Colour : grey, white

Odour : odourless

Odour Threshold : No data available

Melting point/freezing point : No data available

Initial boiling point and boiling range : No data available

Flammability (solid, gas) : Not classified as a flammability hazard  
Not expected to form explosive dust-air mixtures.

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point : Not applicable

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : 8.3 (23 °C)  
Concentration: 1 %

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : Not applicable

Solubility(ies)

Water solubility : immiscible



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

Partition coefficient: n-octanol/water	:	Not applicable
Vapour pressure	:	Not applicable
Relative density	:	No data available
Density	:	No data available
Bulk density	:	500 - 700 kg/m <sup>3</sup>
Relative vapour density	:	Not applicable
Particle characteristics Particle size	:	No data available

### 9.2 Other information

Explosives	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Evaporation rate	:	Not applicable
Minimum ignition energy	:	3 - 10 mJ

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Not classified as a reactivity hazard.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	Can react with strong oxidizing agents.
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### 10.4 Conditions to avoid

Conditions to avoid	:	None known.
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### 10.5 Incompatible materials

Materials to avoid	:	Oxidizing agents
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### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

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## SECTION 11: Toxicological information

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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

Information on likely routes of exposure : Inhalation  
Skin contact  
Ingestion  
Eye contact

### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity : LD50 (Rat): 12,000 mg/kg

Acute inhalation toxicity : Acute toxicity estimate: > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

#### Components:

##### **Bendiocarb:**

Acute oral toxicity : LD50 (Rat): 25 mg/kg

Acute inhalation toxicity : LC50 (Rat): 0.55 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rat): 566 mg/kg

##### **Quartz:**

Acute oral toxicity : LD50 (Rat): > 22,500 mg/kg

### Skin corrosion/irritation

Not classified based on available information.

#### Product:

Species : Rabbit  
Result : No skin irritation

#### Components:

##### **Bendiocarb:**

Species : Rabbit  
Result : No skin irritation

##### **Quartz:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

Remarks : Based on data from similar materials

### Serious eye damage/eye irritation

Not classified based on available information.

#### Product:

Species : Rabbit  
Result : No eye irritation

#### Components:

##### **Bendiocarb:**

Species : Rabbit  
Result : No eye irritation

##### **Quartz:**

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : No eye irritation  
Remarks : Based on data from similar materials

### Respiratory or skin sensitisation

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### Product:

Test Type : Magnusson-Kligman-Test  
Exposure routes : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : negative  
Remarks : Based on data from similar materials

#### Components:

##### **Bendiocarb:**

Test Type : Buehler Test  
Exposure routes : Skin contact  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : negative

### Germ cell mutagenicity

Not classified based on available information.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

### Components:

#### **Bendiocarb:**

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)  
Result: negative

Test Type: In vitro mammalian cell gene mutation test  
Result: positive

Test Type: DNA damage and repair, unscheduled DNA synthesis in mammalian cells (in vitro)  
Method: OECD Test Guideline 482  
Result: negative

Test Type: Chromosome aberration test in vitro  
Method: OECD Test Guideline 473  
Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)  
Application Route: Ingestion  
Result: negative

Test Type: Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis)  
Species: Rat  
Application Route: Ingestion  
Method: OECD Test Guideline 475  
Result: negative

Test Type: Rodent dominant lethal test (germ cell) (in vivo)  
Species: Rat  
Application Route: Ingestion  
Result: negative

#### **Carcinogenicity**

Not classified based on available information.

### Product:

Carcinogenicity - Assessment : Animal testing did not show any carcinogenic effects.

### Components:

#### **Bendiocarb:**

Species : Mouse  
Application Route : Ingestion  
Exposure time : 2 Years  
Method : OECD Test Guideline 453  
Result : negative

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

### Quartz:

Species : Humans  
Application Route : inhalation (dust/mist/fume)  
Result : positive

Carcinogenicity - Assessment : Positive evidence from human epidemiological studies (inhalation)

### Reproductive toxicity

Not classified based on available information.

### Components:

#### Bendiocarb:

Effects on fertility : Test Type: Three-generation reproduction toxicity study  
Species: Rat  
Application Route: Ingestion  
Result: negative

Effects on foetal development : Test Type: Three-generation reproduction toxicity study  
Species: Rat  
Application Route: Ingestion  
Result: negative

### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.

### Components:

#### Bendiocarb:

Assessment : No significant health effects observed in animals at concentrations of 100 mg/kg bw or less.

### Quartz:

Exposure routes : inhalation (dust/mist/fume)  
Target Organs : Lungs  
Assessment : Shown to produce significant health effects in animals at concentrations of 0.02 mg/l/6h/d or less.

### Repeated dose toxicity

### Components:

#### Bendiocarb:

Species : Dog  
NOAEL : 0.65 mg/kg  
LOAEL : 3.12 mg/kg  
Application Route : Ingestion  
Exposure time : 104 Weeks

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

### Quartz:

Species	:	Humans
LOAEL	:	0.053 mg/m <sup>3</sup>
Application Route	:	Inhalation

### Aspiration toxicity

Not classified based on available information.

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### Product:

Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

#### **Bendiocarb:**

Toxicity to fish	:	LC50 (Cyprinodon variegatus (sheepshead minnow)): 0.86 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.0377 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	ErC50 (Pseudokirchneriella subcapitata (green algae)): 0.408 mg/l Exposure time: 72 h Method: OECD Test Guideline 201  NOEC (Pseudokirchneriella subcapitata (green algae)): 0.087 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	:	10
Toxicity to microorganisms	:	EC50 (activated sludge): 10.1 mg/l Exposure time: 3 h

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

Toxicity to fish (Chronic toxicity) : NOEC: 0.07 mg/l  
Exposure time: 78 d  
Species: Oncorhynchus mykiss (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.000882 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)

M-Factor (Chronic aquatic toxicity) : 100

### Quartz:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 508 mg/l  
Exposure time: 96 h  
Remarks: Based on data from similar materials

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 731 mg/l  
Exposure time: 48 h  
Remarks: Based on data from similar materials

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

#### Components:

#### **Bendiocarb:**

Bioaccumulation : Species: Lepomis macrochirus (Bluegill sunfish)  
Bioconcentration factor (BCF): 6

Partition coefficient: n-octanol/water : log Pow: 1.7

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

levels of 0.1% or higher.

### 12.7 Other adverse effects

No data available

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Product : It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow container label instructions and applicable local guidelines.  
According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.  
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.  
Do not dispose of waste into sewer.
- Contaminated packaging : Follow advice on product label and/or leaflet.  
Empty containers retain residue and can be dangerous.  
Do not re-use empty containers.
- Waste Code : The following Waste Codes are only suggestions:
- used product  
02 01 08, agrochemical waste containing hazardous substances
- unused product  
02 01 08, agrochemical waste containing hazardous substances
- uncleaned packagings  
15 01 10, packaging containing residues of or contaminated by hazardous substances
- 

## SECTION 14: Transport information

### 14.1 UN number or ID number

- ADN : UN 3077
- ADR : UN 3077
- RID : UN 3077
- IMDG : UN 3077
- IATA : UN 3077

### 14.2 UN proper shipping name

- ADN : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
-



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

(Bendiocarb)

**ADR** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Bendiocarb)

**RID** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Bendiocarb)

**IMDG** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(Bendiocarb)

**IATA** : Environmentally hazardous substance, solid, n.o.s.  
(Bendiocarb)

### 14.3 Transport hazard class(es)

	Class	Subsidiary risks
<b>ADN</b>	: 9	
<b>ADR</b>	: 9	
<b>RID</b>	: 9	
<b>IMDG</b>	: 9	
<b>IATA</b>	: 9	

### 14.4 Packing group

**ADN**  
Packing group : III  
Classification Code : M7  
Hazard Identification Number : 90  
Labels : 9

**ADR**  
Packing group : III  
Classification Code : M7  
Hazard Identification Number : 90  
Labels : 9  
Tunnel restriction code : (-)

**RID**  
Packing group : III  
Classification Code : M7  
Hazard Identification Number : 90  
Labels : 9

**IMDG**  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 956  
Packing instruction (LQ) : Y956  
Packing group : III

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

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Labels : Miscellaneous

### IATA (Passenger)

Packing instruction (passenger aircraft) : 956

Packing instruction (LQ) : Y956

Packing group : III

Labels : Miscellaneous

### 14.5 Environmental hazards

#### ADN

Environmentally hazardous : yes

#### ADR

Environmentally hazardous : yes

#### RID

Environmentally hazardous : yes

#### IMDG

Marine pollutant : yes

#### IATA (Passenger)

Environmentally hazardous : yes

#### IATA (Cargo)

Environmentally hazardous : yes

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

Remarks : Not applicable for product as supplied.

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## SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EC) No 649/2012 of the European Parlia- : Not applicable

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

---

ment and the Council concerning the export and import  
of dangerous chemicals

REACH - List of substances subject to authorisation : Not applicable  
(Annex XIV)

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012  
concerning the making available on the market and use of biocidal products

Product Type : Insecticides, acaricides and products to control other arthro-  
pods  
Active substance : 1.25 %  
Bendiocarb

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of  
major-accident hazards involving dangerous substances.

E1	ENVIRONMENTAL HAZARDS	Quantity 1 100 t	Quantity 2 200 t
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Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial  
emissions (integrated pollution prevention and control)  
Remarks: Not applicable

### 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

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## SECTION 16: Other information

Other information : Items where changes have been made to the previous version  
are highlighted in the body of this document by two vertical  
lines.

### Full text of H-Statements

H300 : Fatal if swallowed.  
H311 : Toxic in contact with skin.  
H331 : Toxic if inhaled.  
H350i : May cause cancer by inhalation.  
H372 : Causes damage to organs through prolonged or repeated  
exposure if inhaled.  
H400 : Very toxic to aquatic life.  
H410 : Very toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox. : Acute toxicity  
Aquatic Acute : Short-term (acute) aquatic hazard  
Aquatic Chronic : Long-term (chronic) aquatic hazard  
Carc. : Carcinogenicity  
STOT RE : Specific target organ toxicity - repeated exposure  
2004/37/EC : Europe. Directive 2004/37/EC on the protection of workers  
from the risks related to exposure to carcinogens or mutagens  
at work  
GB EH40 : UK. EH40 WEL - Workplace Exposure Limits

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

2004/37/EC / TWA : Long term exposure limit  
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

Sources of key data used to compile the Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

### Classification of the mixture:

Aquatic Chronic 1 H410

### Classification procedure:

Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 / UK REACH  
Regulations SI 2019/758



## FICAM D

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	29.03.2023	11187391-00001	Date of first issue: 29.03.2023

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XI / EN