

# Safety data sheet

Page: 1/19

BASF Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 15.07.2024

Version: 2.0

Product: **Priaxor**

(ID no. 30649562/SDS\_CPA\_ZA/EN)

Date of print 04.03.2025

## 1. Identification

### Product identifier

**Priaxor**

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

Relevant identified uses: crop protection product, fungicide

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

Company:

BASF South Africa (Pty) Ltd  
852 Sixteenth Road  
Midrand  
P O Box 2801  
Halfway House 1685  
SOUTH AFRICA

Telephone: +27 11 203 2400

### Emergency telephone number

National emergency number:

+27 11 203 2420

International emergency number:

Telephone: +49 180 2273-112

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## 2. Hazards Identification

## Classification of the substance or mixture

### According to UN GHS criteria

Acute Tox. 4 (Inhalation - mist)  
Acute Tox. 4 (oral)  
Repr. Additional category for effects on or via lactation.  
Repr. 2 (unborn child)  
STOT SE 3 (irritating to respiratory system)  
STOT RE (Liver, Nasal cavity, Gastrointestinal tract) 2  
Aquatic Acute 1  
Aquatic Chronic 1

For the classifications not written out in full in this section the full text can be found in section 16.

## Label elements

### Globally Harmonized System (GHS)

#### Pictogram:



#### Signal Word:

Warning

#### Hazard Statement:

H362	May cause harm to breast-fed children.
H335	May cause respiratory irritation.
H361	Suspected of damaging the unborn child.
H302 + H332	Harmful if swallowed or if inhaled.
H373	May cause damage to organs (Liver, Nasal cavity, Gastrointestinal tract) through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

#### Precautionary Statement:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.

#### Precautionary Statements (Prevention):

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 15.07.2024

Version: 2.0

Product: **Priaxor**

(ID no. 30649562/SDS\_CPA\_ZA/EN)

Date of print 04.03.2025

P271	Use only outdoors or in a well-ventilated area.
P260	Do not breathe dust/gas/mist/vapours.
P280	Wear protective gloves, protective clothing and eye protection or face protection.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.
P264	Wash contaminated body parts thoroughly after handling.
P263	Avoid contact during pregnancy and while nursing.

**Precautionary Statements (Response):**

P312	Call a POISON CENTER or physician if you feel unwell.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308 + P313	IF exposed or concerned: Get medical attention.
P330	Rinse mouth.
P391	Collect spillage.

**Precautionary Statements (Storage):**

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

**Precautionary Statements (Disposal):**

P501	Dispose of contents and container to hazardous or special waste collection point.
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**Labeling of special preparations (GHS):**

May produce an allergic reaction. Contains: Propanoic acid, 2-hydroxy-, 2-ethylhexyl ester, (2S)-

According to UN GHS criteria

Hazard determining component(s) for labelling: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate, 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-; Fluxapyroxad, N,N-Dimethyldodecanamide

**Other hazards**According to UN GHS criteria

See section 12 - Results of PBT and vPvB assessment.

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

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**3. Composition/Information on Ingredients****Substances**

Not applicable

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 15.07.2024

Version: 2.0

Product: **Priaxor**

(ID no. 30649562/SDS\_CPA\_ZA/EN)

Date of print 04.03.2025

**Mixtures**Chemical nature

crop protection product, Emulsifiable concentrate (EC), fungicide

Hazardous ingredients (GHS)

According to UN GHS criteria

pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate

Content (W/W): 14.63 %  
 CAS Number: 175013-18-0  
 INDEX-Number: 613-272-00-6

Acute Tox. 3 (Inhalation - mist)  
 Acute Tox. 4 (oral)  
 Skin Irrit. 2  
 Repr. 2 (unborn child)  
 STOT SE 3 (irr. to respiratory syst.)  
 STOT RE (Liver, Nasal cavity, Gastrointestinal tract) 2  
 Aquatic Acute 1  
 Aquatic Chronic 1  
 M-factor acute: 100  
 M-factor chronic: 100  
 H315, H331, H302, H335, H361, H373, H400, H410

1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-; Fluxapyroxad

Content (W/W): 7.32 %  
 CAS Number: 907204-31-3

Repr. Add. cat. lact.  
 Aquatic Acute 1  
 Aquatic Chronic 1  
 M-factor acute: 1  
 M-factor chronic: 1  
 H362, H400, H410

Propanoic acid, 2-hydroxy-, 2-ethylhexyl ester, (2S)-

Content (W/W): < 45 %  
 CAS Number: 186817-80-1

Skin Irrit. 2  
 Eye Irrit. 2A  
 Skin Sens. 1B  
 Aquatic Acute 3  
 H319, H315, H317, H402

N,N-Dimethyldodecanamide

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 15.07.2024

Version: 2.0

Product: **Priaxor**

(ID no. 30649562/SDS\_CPA\_ZA/EN)

Date of print 04.03.2025

Content (W/W): < 25 %  
 CAS Number: 3007-53-2  
 EC-Number: 221-117-5

Acute Tox. 5 (oral)  
 Skin Corr./Irrit. 2  
 Eye Dam./Irrit. 2A  
 STOT SE 3 (irr. to respiratory syst.)  
 Aquatic Acute 1  
 Aquatic Chronic 3  
 M-factor acute: 1  
 H319, H315, H303, H335, H412, H400

Methyl-Oxirane, Blockpolymer with Oxirane, Monoisotridecyl ether

Content (W/W): < 20 %  
 CAS Number: 196823-11-7

Acute Tox. 5 (oral)  
 Skin Corr./Irrit. 3  
 Eye Dam./Irrit. 2A  
 Aquatic Acute 2  
 H319, H316, H303, H401

Acetophenone

Content (W/W): < 20 %  
 CAS Number: 98-86-2  
 EC-Number: 202-708-7  
 INDEX-Number: 606-042-00-1

Flam. Liq. 4  
 Acute Tox. 4 (oral)  
 Acute Tox. 5 (dermal)  
 Eye Dam./Irrit. 2A  
 Aquatic Acute 3  
 H227, H319, H313, H302, H402

Solvent naphtha (petroleum), light arom.

Content (W/W): < 10 %  
 CAS Number: 64742-95-6  
 EC-Number: 265-199-0  
 INDEX-Number: 649-356-00-4

Asp. Tox. 1  
 Flam. Liq. 3  
 Acute Tox. 5 (oral)  
 STOT SE 3 (drowsiness and dizziness)  
 STOT SE 3 (irr. to respiratory syst.)  
 Aquatic Acute 2  
 Aquatic Chronic 2  
 H226, H303, H304, H336, H335, H401, H411

Poly(oxy-1,2-ethanediyl), .alpha.-[tris(1-phenylethyl)phenyl]-.omega.-hydroxy-

Content (W/W): < 10 %  
 CAS Number: 99734-09-5

Acute Tox. 5 (oral)  
 Aquatic Acute 3  
 Aquatic Chronic 3  
 H303, H402, H412

Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts

Content (W/W): < 10 %  
 CAS Number: 68953-96-8  
 EC-Number: 273-234-6

Acute Tox. 4 (dermal)  
 Skin Corr./Irrit. 2  
 Eye Dam./Irrit. 1  
 Aquatic Acute 3  
 Aquatic Chronic 2  
 H318, H315, H312, H402, H411

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Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 15.07.2024

Version: 2.0

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Date of print 04.03.2025

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Alcohols, C11-14-iso-, C13-rich, ethoxylated

Content (W/W): &lt; 5 %

CAS Number: 78330-21-9

Acute Tox. 4 (oral)

Eye Dam./Irrit. 1

Aquatic Acute 1

Aquatic Chronic 2

H318, H302, H411, H400

For the classifications not written out in full in this section the full text can be found in section 16.

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## 4. First-Aid Measures

### Description of first aid measures

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:

Wash thoroughly with soap and water

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

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

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far

Hazards: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11. (Further) symptoms and / or effects are not known so far

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

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:

water spray, foam, dry powder, carbon dioxide

**Special hazards arising from the substance or mixture**

Carbon monoxide, Carbon dioxide, hydrogen chloride, Hydrogen fluoride, nitrogen oxides, sulfur oxides, halogenated compounds

The substances/groups of substances mentioned can be released in case of fire.

**Advice for fire-fighters**

Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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**6. Accidental Release Measures****Personal precautions, protective equipment and emergency procedures**

Do not breathe vapour/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

**Environmental precautions**

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

**Methods and material for containment and cleaning up**

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Wear suitable protective equipment.

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**7. Handling and Storage****Precautions for safe handling**

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

Protection against fire and explosion:

Vapours may form ignitable mixture with air. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

**Conditions for safe storage, including any incompatibilities**

Segregate from foods and animal feeds.

Further information on storage conditions: Keep away from heat. Protect from direct sunlight.

Storage stability:

| Storage duration: 60 Months

Protect from temperatures below: -10 °C

Changes in the properties of the product may occur if substance/product is stored below indicated temperature for extended periods of time.

Protect from temperatures above: 40 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

### Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

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## 8. Exposure Controls/Personal Protection

### Control parameters

#### Components with occupational exposure limits

| 175013-18-0: Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester

TWA value 0.13 mg/m3 (BASF recomm. occupational exposure limit)

| 907204-31-3: Fluxapyroxad

TWA value 0.5 mg/m3 (BASF recomm. occupational exposure limit)

### Exposure controls

#### Personal protective equipment

Respiratory protection:

Suitable respiratory protection for lower concentrations or short-term effect: Combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (e. g. EN 14387 Type ABEK-P3)

Hand protection:

Suitable chemical resistant safety gloves (EN ISO 374-1) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

#### General safety and hygiene measures

Wearing of closed work clothing is recommended. The statements on personal protective equipment in the instructions for use apply when handling crop-protection agents in final-consumer packing.

Store work clothing separately. Keep away from food, drink and animal feeding stuffs.



## 9. Physical and Chemical Properties

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

State of matter:	liquid
Form:	liquid
Colour:	yellow
Odour:	strong, sweetish
Odour threshold:	Not determined since harmful by inhalation.
crystallization temperature:	approx. < -20 °C
boiling temperature:	approx. 202 °C
Flammability:	Information applies to the solvent. No dangerous quantities of flammable gases will be produced by contact with water.
Lower explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Flash point:	99 °C
Auto-ignition temperature:	351 °C
Thermal decomposition:	140 °C, 90 kJ/kg (DSC (DIN 51007)) (onset temperature) Not a substance liable to self-decomposition according to UN transport regulations, class 4.1.
SADT:	> 75 °C Heat accumulation / Dewar 500 ml (SADT, UN-Test H.4, 28.4.4)
pH value:	approx. 5 - 7 (1 %(m), 20 °C)
Viscosity, dynamic:	approx. 14 mPa.s (40 °C, 10 1/s)
Solubility in water:	emulsifiable
Partitioning coefficient n-octanol/water (log Kow):	not applicable
Vapour pressure:	approx. 0.02 hPa (20 °C) Information applies to the solvent.
Density:	approx. 1.03 g/cm <sup>3</sup> (20 °C)
Relative vapour density (air):	not applicable

## 9.2. Other information

### Information with regard to physical hazard classes

#### Explosives

Explosion hazard: not explosive

#### Oxidizing properties

Fire promoting properties: not fire-propagating

### Other safety characteristics

Other Information: If necessary, information on other physical and chemical parameters is indicated in this section.

Evaporation rate: not applicable

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## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

### Conditions to avoid

See SDS section 7 - Handling and storage.

### Incompatible materials

Substances to avoid:  
strong acids, strong bases, strong oxidizing agents

### Hazardous decomposition products

Hazardous decomposition products:  
No hazardous decomposition products if stored and handled as prescribed/indicated.

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## 11. Toxicological Information

### Information on toxicological effects

#### Acute toxicity

Assessment of acute toxicity:

Of moderate toxicity after single ingestion. Of moderate toxicity after short-term inhalation. Virtually nontoxic after a single skin contact. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Experimental/calculated data:

LD50 rat (oral): > 500 - < 2,000 mg/kg (OECD Guideline 423)

LC50 rat (by inhalation): > 2.3 - < 4.8 mg/l 4 h

An aerosol was tested.

LD50 rat (dermal): > 5,000 mg/kg (OECD Guideline 402)

No mortality was observed.

#### Irritation

Assessment of irritating effects:

Not irritating to eyes and skin. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Experimental/calculated data:

Skin corrosion/irritation rabbit: non-irritant (OECD Guideline 404)

Serious eye damage/irritation rabbit: non-irritant (OECD Guideline 405)

#### Respiratory/Skin sensitization

Assessment of sensitization:

No sensitizing effect. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Experimental/calculated data:

Mouse Local Lymph Node Assay (LLNA) mouse: Non-sensitizing. (OECD Guideline 429)

#### Germ cell mutagenicity

Assessment of mutagenicity:

Mutagenicity tests revealed no genotoxic potential. The product has not been tested. The statement has been derived from the properties of the individual components.

#### Carcinogenicity

Assessment of carcinogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-; Fluxapyroxad*

*Assessment of carcinogenicity:*

*Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part.*

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#### Reproductive toxicity

**Assessment of reproduction toxicity:**

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-; Fluxapyroxad*

**Assessment of reproduction toxicity:**

*The results of animal studies gave no indication of a fertility impairing effect. May cause harm to children via breast-feeding.*

**Developmental toxicity****Assessment of teratogenicity:**

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxymethyl}phenyl}(N-methoxy)carbamate*

**Assessment of teratogenicity:**

*Indications of possible developmental toxicity/teratogenicity were seen in animal studies.*

*Information on: N,N-Dimethyldodecanamide*

**Assessment of teratogenicity:**

*The substance did not cause malformations in animal studies; however, toxicity to development was observed at high doses that were toxic to the parental animals. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

**Specific target organ toxicity (single exposure)****Assessment of STOT single:**

Causes temporary irritation of the respiratory tract.

Remarks: The product has not been tested. The statement has been derived from the properties of the individual components.

**Repeated dose toxicity and Specific target organ toxicity (repeated exposure)****Assessment of repeated dose toxicity:**

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxymethyl}phenyl}(N-methoxy)carbamate*

**Assessment of repeated dose toxicity:**

*Repeated exposure may affect certain organs. Target organs: Liver, gastrointestinal tract and nasal cavity*

*Information on: 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-; Fluxapyroxad*

**Assessment of repeated dose toxicity:**

*Adaptive effects were observed after repeated exposure in animal studies.*

*Information on: Propanoic acid, 2-hydroxy-, 2-ethylhexyl ester, (2S)-*

*Assessment of repeated dose toxicity:**After repeated exposure the prominent effect is local irritation.**Information on: N,N-Dimethyldodecanamide**Assessment of repeated dose toxicity:**After repeated exposure the prominent effect is local irritation. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.**Information on: Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts**Assessment of repeated dose toxicity:**The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.**Information on: Solvent naphtha (petroleum), light arom.**Assessment of repeated dose toxicity:**Effects on the kidney of male rats were detected after repeated exposure. These effects are specific for the male rat and are known to be of no relevance to humans. After repeated exposure the prominent effect is local irritation. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*  
-----Aspiration hazard

No aspiration hazard expected.

The product has not been tested. The statement has been derived from the properties of the individual components.

Other relevant toxicity information

Misuse can be harmful to health.

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## 12. Ecological Information

### Toxicity

## Assessment of aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

## Toxicity to fish:

LC50 (96 h) 0.046 mg/l, *Oncorhynchus mykiss* (Directive 92/69/EEC, C.1)

## Aquatic invertebrates:

EC50 (48 h) 0.307 mg/l, *Daphnia magna* (Screening (style of OECD 202), static)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

## Aquatic plants:

EC50 (72 h) 3.67 mg/l (growth rate), *Pseudokirchneriella subcapitata* (Guideline 92/69/EEC, C.3, static)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 15.07.2024

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Date of print 04.03.2025

EC10 (72 h) 1.69 mg/l, *Pseudokirchneriella subcapitata* (OECD Guideline 201)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate**Chronic toxicity to fish:**No observed effect concentration (98 d) approx. 0.00235 mg/l, *Oncorhynchus mykiss* (OECD Guideline 210, Flow through.)**Information on: 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-; Fluxapyroxad**Chronic toxicity to fish:**No observed effect concentration (33 d) 0.0359 mg/l, *Pimephales promelas* (OECD Guideline 210, Flow through.)**Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate**Chronic toxicity to aquatic invertebrates:**No observed effect concentration (21 d) 0.004 mg/l, *Daphnia magna* (OECD Guideline 202, part 2, semistatic)**The details of the toxic effect relate to the nominal concentration.**No observed effect concentration (31 d) 0.000365 mg/l, *Mysidopsis bahia***Information on: 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-; Fluxapyroxad**Chronic toxicity to aquatic invertebrates:**No observed effect concentration (21 d) 0.5 mg/l, *Daphnia magna* (OECD Guideline 211, semistatic)*

## Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O):

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate**Assessment biodegradation and elimination (H<sub>2</sub>O):**Not readily biodegradable (by OECD criteria).**Information on: 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-; Fluxapyroxad**Assessment biodegradation and elimination (H<sub>2</sub>O):**Not readily biodegradable (by OECD criteria).*

## Bioaccumulative potential

Assessment bioaccumulation potential:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate*

*Bioaccumulation potential:*

*Bioconcentration factor: 379 - 507, Oncorhynchus mykiss (OECD Guideline 305)*

*Accumulation in organisms is not to be expected.*

*Information on: 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-; Fluxapyroxad*

*Bioaccumulation potential:*

*Bioconcentration factor: 36 - 37 (28 d), Lepomis macrochirus (OECD Guideline 305)*

*Does not accumulate in organisms.*

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## Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate*

*Assessment transport between environmental compartments:*

*Adsorption in soil: Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.*

*Information on: 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-; Fluxapyroxad*

*Assessment transport between environmental compartments:*

*Adsorption in soil: Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.*

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## Results of PBT and vPvB assessment

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

## Other adverse effects

The product does not contain substances that are listed in the Montreal Protocol on substances that deplete the ozone layer.

## Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control.

## 13. Disposal Considerations

### Waste treatment methods

Must be sent to a suitable incineration plant, observing local regulations.

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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## 14. Transport Information

### Land transport

ADR

UN number or ID number: UN3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PYRACLOSTROBIN, FLUXAPYROXAD)

Transport hazard class(es): 9, EHS

Packing group: III

Environmental hazards: yes

Special precautions for user: None known

RID

UN number or ID number: UN3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PYRACLOSTROBIN, FLUXAPYROXAD)

Transport hazard class(es): 9, EHS

Packing group: III

Environmental hazards: yes

Special precautions for user: None known

### Inland waterway transport

ADN

UN number or ID number: UN3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PYRACLOSTROBIN, FLUXAPYROXAD)

Transport hazard class(es): 9, EHS

Packing group: III

Environmental hazards: yes

Special precautions for user: None known



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Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 15.07.2024

Version: 2.0

Product: **Priaxor**

(ID no. 30649562/SDS\_CPA\_ZA/EN)

Date of print 04.03.2025

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user:

Transport in inland waterway vessel

Not evaluated

**Sea transport**

## IMDG

UN number or ID number: UN 3082  
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (PYRACLOSTROBIN, FLUXAPYROXAD)

Transport hazard class(es): 9, EHSM  
Packing group: III  
Environmental hazards: yes  
Marine pollutant: YES  
Special precautions for user: EmS: F-A; S-F

**Air transport**

## IATA/ICAO

UN number or ID number: UN 3082  
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (PYRACLOSTROBIN, FLUXAPYROXAD)

Transport hazard class(es): 9, EHSM  
Packing group: III  
Environmental hazards: yes  
Special precautions for user: None known

**Maritime transport in bulk according to IMO instruments**

Maritime transport in bulk is not intended.

**Further information**

Product may be shipped as non-hazardous in suitable packages containing a net quantity of 5 L or less under the provisions of various regulatory agencies: ADR, RID, ADN: Special Provision 375; IMDG: 2.10.2.7; IATA: A197; TDG: Special Provision 99(2); 49CFR: §171.4 (c) (2) and also the Special Provision 375 in Appendix B which is regulated in China "Regulations Concerning Road Transportation of Dangerous Goods Part 3: Index of dangerous goods name and transportation requirements" (JT/T 617.3)

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## 15. Regulatory Information

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

To avoid risks to man and the environment, comply with the instructions for use.

## 16. Other Information

Full text of classifications, hazard symbols and hazard statements, if mentioned in section 2 or 3:

Acute Tox.	Acute toxicity
Repr.	Reproductive toxicity
STOT SE	Specific target organ toxicity — single exposure
STOT RE	Specific target organ toxicity — repeated exposure
Aquatic Acute	Hazardous to the aquatic environment - acute
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Skin Irrit.	Skin irritation
Eye Irrit.	Eye irritation
Skin Sens.	Skin sensitization
Skin Corr./Irrit.	Skin corrosion/irritation
Eye Dam./Irrit.	Serious eye damage/eye irritation
Flam. Liq.	Flammable liquids
Asp. Tox.	Aspiration hazard
H315	Causes skin irritation.
H331	Toxic if inhaled.
H302	Harmful if swallowed.
H335	May cause respiratory irritation.
H361	Suspected of damaging the unborn child.
H373	May cause damage to organs (Liver, Nasal cavity, Gastrointestinal tract) through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H362	May cause harm to breast-fed children.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H402	Harmful to aquatic life.
H303	May be harmful if swallowed.
H412	Harmful to aquatic life with long lasting effects.
H316	Causes mild skin irritation.
H401	Toxic to aquatic life.
H227	Combustible liquid.
H313	May be harmful in contact with skin.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H318	Causes serious eye damage.
H312	Harmful in contact with skin.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification

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agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

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Vertical lines in the left hand margin indicate an amendment from the previous version.