

## Safety data sheet

Page: 1/21

---

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS CPA XI/EN)

Date of print 15.11.2024

---

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

#### 1.1. Product identifier

## Revyflex

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

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

Company:

BASF plc  
4th and 5th Floors  
2 Stockport Exchange  
Railway Road, Stockport, SK1 3GG  
UNITED KINGDOM

Telephone: +44 161 475 3000

E-mail address: [product-safety-uk-and-ireland@basf.com](mailto:product-safety-uk-and-ireland@basf.com)

---

#### 1.4. Emergency telephone number

International emergency number:

Telephone: +49 180 2273-112

---

### SECTION 2: Hazards Identification

#### 2.1. Classification of the substance or mixture

For the classification of the mixture the following methods have been applied: extrapolation on the concentration levels of the hazardous substances, on basis of test results and after evaluation of experts. The methodologies used are mentioned at the respective test results.

According to Regulation (EC) No 1272/2008 [CLP]

Acute Tox. 4 (oral)

H302 Harmful if swallowed.

Skin Corr./Irrit. 2

H315 Causes skin irritation.

Skin Sens. 1

H317 May cause an allergic skin reaction.

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

Eye Dam./Irrit. 1	H318 Causes serious eye damage.
Acute Tox. 4 (by inhalation)	H332 Harmful if inhaled.
STOT SE 3	H335 May cause respiratory irritation.
Repr. 2	H361d Suspected of damaging the unborn child.
Aquatic Acute 1	H400 Very toxic to aquatic life.
Aquatic Chronic 1	H410 Very toxic to aquatic life with long lasting effects.

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

## 2.2. Label elements

According to Regulation (EC) No 1272/2008 [CLP]

Globally Harmonized System, GB (GHS)

Pictogram:



Signal Word:

Danger

Hazard Statement:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361d	Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
H317	May cause an allergic skin reaction.

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):

P271	Use only outdoors or in a well-ventilated area.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing mist or vapour or spray.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P264	Wash contaminated body parts thoroughly after handling.
P280	Wear protective gloves and eye protection or face protection.

Precautionary Statements (Response):

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
--------------------	--

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P330	Rinse mouth.
P391	Collect spillage.
P308 + P313	IF exposed or concerned: Get medical attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P310	Immediately call a POISON CENTER or physician.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
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/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

Hazard determining component(s) for labelling: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate, (2RS)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1H-1,2,4-triazol-1-yl)propan-2-ol; mefentrifluconazole, N,N-Dimethyloctanamide, N,N-Dimethyldecan-1-amide

### 2.3. Other hazards

According to Regulation (EC) No 1272/2008 [CLP]

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.

Product does not contain a substance above legal limits included in the list established in accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

---

## SECTION 3: Composition/Information on Ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Chemical nature

crop protection product, fungicide

Regulatory relevant ingredients

Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

Content (W/W): 9.16 %  
CAS Number: 220899-03-6

Aquatic Acute 1  
Aquatic Chronic 1  
H400, H410

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

Content (W/W): 7.32 %  
CAS Number: 175013-18-0  
INDEX-Number: 613-272-00-6

Substance with EU occupational exposure limit

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, H361d, H373, H400, H410

Acute toxicity estimate:

oral: 450 mg/kg  
Inhalation: 0.58 mg/l

(2RS)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1H-1,2,4-triazol-1-yl)propan-2-ol; mefentrifluconazole

Content (W/W): 6.1 %  
CAS Number: 1417782-03-6

Skin Sens. 1  
Aquatic Acute 1  
Aquatic Chronic 1  
M-factor acute: 1  
M-factor chronic: 1  
H317, H400, H410

Propylene carbonate

Content (W/W): < 15 %  
CAS Number: 108-32-7  
EC-Number: 203-572-1  
INDEX-Number: 607-194-00-1

Eye Dam./Irrit. 2  
H319

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

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

Aquatic Chronic 3  
H412

Hydrocarbons, C10-C13, aromatics, < 1% naphthalen

Content (W/W): < 10 %  
REACH registration number: 01-2119451097-39

Asp. Tox. 1  
Aquatic Chronic 2  
H304, H411  
EUH066

N,N-Dimethyloctanamide

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

Content (W/W): < 10 %	Skin Corr./Irrit. 2
CAS Number: 1118-92-9	Eye Dam./Irrit. 1
EC-Number: 214-272-5	STOT SE 3 (irr. to respiratory syst.)
REACH registration number: 01-2119974106-36	H318, H315, H335
benzyl acetate	
Content (W/W): < 5 %	Aquatic Chronic 3
CAS Number: 140-11-4	H412
EC-Number: 205-399-7	
REACH registration number: 01-2119638272-42	
Alcohols, C11-14-iso-, C13-rich, ethoxylated propoxylated	
Content (W/W): < 5 %	Eye Dam./Irrit. 2
CAS Number: 78330-23-1	H319
N,N-Dimethyldecan-1-amide	
Content (W/W): < 5 %	Skin Irrit. 2
CAS Number: 14433-76-2	Eye Irrit. 2
EC-Number: 238-405-1	STOT SE 3 (irr. to respiratory syst.)
REACH registration number: 01-2119485027-36	Aquatic Chronic 3
	H319, H315, H335, H412
2-Ethylhexan-1-ol	
Content (W/W): < 5 %	Acute Tox. 4 (Inhalation - mist)
CAS Number: 104-76-7	Skin Irrit. 2
EC-Number: 203-234-3	Eye Irrit. 2
REACH registration number: 01-2119487289-20	STOT SE 3 (irr. to respiratory syst.)
	Aquatic Chronic 3
	H319, H315, H332, H335, H412
Substance with EU occupational exposure limit	
2-Ethylhexyl acetate	
Content (W/W): < 5 %	Skin Corr./Irrit. 2
CAS Number: 103-09-3	H315
EC-Number: 203-079-1	
REACH registration number: 01-2119483620-40	
acetophenone	
Content (W/W): < 5 %	Acute Tox. 4 (oral)
CAS Number: 98-86-2	Eye Dam./Irrit. 2
EC-Number: 202-708-7	H319, H302
REACH registration number: 01-2119533169-37	
INDEX-Number: 606-042-00-1	

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

---

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

---

## **SECTION 4: First-Aid Measures**

### **4.1. 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.

Show container, label and/or safety data sheet to physician.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention. Immediately administer a corticosteroid from a controlled/metered dose inhaler.

On skin contact:

Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

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

### **4.2. 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

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

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

---

## **SECTION 5: Fire-Fighting Measures**

### **5.1. Extinguishing media**

Suitable extinguishing media:

water spray, dry powder, foam, carbon dioxide

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

Endangering substances: carbon monoxide, Carbon dioxide, hydrogen chloride, hydrogen bromide, hydrogen fluoride, nitrogen oxides, halogenated compounds, sulfur oxides

---

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

---

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

### 5.3. 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.

---

## SECTION 6: Accidental Release Measures

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

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

### 6.2. Environmental precautions

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

Do not allow contamination of public drains or surface or ground waters. Inform local water plc if spillage enters drains and the Environment Agency (England & Wales), the Scottish Environmental Protection Agency (Scotland), or the Environment and Heritage Service (Northern Ireland) if it enters surface or ground waters. Keep people and animals away.

### 6.3. 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.

### 6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

---

## SECTION 7: Handling and Storage

### 7.1. 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.

---

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

---

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.

## 7.2. 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.

## 7.3. 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.

---

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

Components with occupational exposure limits

Refer to the current edition of HSE Guidance Note EH40 Occupational Exposure Limits (United Kingdom). For normal use and handling refer to the product label/leaflet. In all other cases the following apply.

### 8.2. 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:

Tightly fitting safety goggles (splash 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

The statements on personal protective equipment in the instructions for use apply when handling crop-protection agents in final-consumer packing. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

---



---

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

---

## SECTION 9: Physical and Chemical Properties

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

State of matter:	liquid
Form:	liquid
Colour:	yellow
Odour:	sweetish, moderate odour
Odour threshold:	Not determined since harmful by inhalation.
Melting point:	The product has not been tested.
Boiling point:	The product has not been tested.
Flammability:	not applicable
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:	approx. 105 °C
Auto-ignition temperature:	approx. 275 °C
Thermal decomposition:	130 °C, 70 kJ/kg (onset temperature) 270 °C, 310 kJ/kg (onset temperature) Not a substance liable to self-decomposition according to UN transport regulations, class 4.1.
SADT:	> 75 °C
pH value:	approx. 4.5 - 6.5 (1 %(m), 20 °C)
Viscosity, kinematic:	23 mm <sup>2</sup> /s (40 °C)
Viscosity, dynamic:	approx. 66 mPa.s (20 °C)
Solubility in water:	dispersible
Partitioning coefficient n-octanol/water (log Kow):	not applicable for mixtures
Vapour pressure:	The product has not been tested.
Density:	approx. 1.09 g/cm <sup>3</sup> (20 °C)

---

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

---

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

Evaporation rate:  
not applicable

---

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

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

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

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

### 10.4. Conditions to avoid

See SDS section 7 - Handling and storage.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

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

---

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

## SECTION 11: Toxicological Information

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

#### Acute toxicity

Assessment of acute toxicity:

Of moderate toxicity after short-term inhalation. Of moderate toxicity after single ingestion. Virtually nontoxic after a single skin contact.

Experimental/calculated data:

LD50 rat (oral): > 300 - < 2,000 mg/kg

LC50 rat (by inhalation): approx. 5 mg/l

*Information on: Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)*

*Experimental/calculated data:*

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

*No mortality was observed.*

*Information on: (2RS)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1H-1,2,4-triazol-1-yl)propan-2-ol; mefentrifluconazole*

*Experimental/calculated data:*

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

*No mortality was observed.*

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

*Experimental/calculated data:*

*LD50 rat (dermal): > 2,000 mg/kg (OECD Guideline 402)*

*No mortality was observed.*

#### Irritation

Assessment of irritating effects:

May cause severe damage to the eyes. Skin contact causes irritation.

Experimental/calculated data:

Skin corrosion/irritation

rabbit: Irritant. (OECD Guideline 439)

*Information on: Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)*

*Experimental/calculated data:*

*Serious eye damage/irritation*

*rabbit: non-irritant (OECD Guideline 405)*

*Information on: (2RS)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1H-1,2,4-triazol-1-yl)propan-2-ol; mefentrifluconazole*

*Experimental/calculated data:*

*Serious eye damage/irritation*

*rabbit: non-irritant (OECD Guideline 405)*

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

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

*Experimental/calculated data:*

*Serious eye damage/irritation*

*rabbit: non-irritant (OECD Guideline 405)*

*Information on: N,N-Dimethyloctanamide*

*Experimental/calculated data:*

*Serious eye damage/irritation*

*rabbit: Risk of serious damage to eyes. (similar to OECD guideline 405)*

*Analogous: Assessment derived from products with similar chemical character.*

*Information on: Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., calcium salts*

*Experimental/calculated data:*

*Serious eye damage/irritation*

*rabbit: irreversible damage (OECD Guideline 405)*

Respiratory/Skin sensitization

Assessment of sensitization:

Sensitization after skin contact possible. The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: (2RS)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1H-1,2,4-triazol-1-yl)propan-2-ol; mefentrifluconazole*

*Experimental/calculated data:*

*Guinea pig maximization test guinea pig: skin sensitizing (OECD Guideline 406)*

*Information on: Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)*

*Experimental/calculated data:*

*Guinea pig maximization test guinea pig: Non-sensitizing. (OECD Guideline 406)*

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

*Experimental/calculated data:*

*Guinea pig maximization test guinea pig: Non-sensitizing. (OECD Guideline 406)*

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: Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)*

*Assessment of carcinogenicity:*

*When given in high doses, the substance was carcinogenic in animal studies. Based on its mechanism of action, a carcinogenic potential is not expected after exposure to low doses.*

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

#### Reproductive toxicity

Assessment of reproduction toxicity:

The results of animal studies gave no indication of a fertility impairing effect. The product has not been tested. The statement has been derived from the properties of the individual components.

#### 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-yloxymethyl]phenyl}(N-methoxy)carbamate*

*Assessment of teratogenicity:*

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

#### 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-yloxymethyl]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: (2RS)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1H-1,2,4-triazol-1-yl)propan-2-ol; mefentrifluconazole*

*Assessment of repeated dose toxicity:*

*Repeated oral exposure to large quantities may affect certain organs. Liver Based on available data, the classification criteria are not met.*

*Information on: Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., calcium salts*

*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: N,N-Dimethyldecan-1-amide*

*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. After repeated exposure the prominent effect is local irritation.*

*Information on: N,N-Dimethyloctanamide*

---

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

---

*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. After repeated exposure the prominent effect is local irritation.*

-----  
Aspiration hazard

No aspiration hazard expected.

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

Interactive effects

No data available.

## 11.2. Information on other hazards

Endocrine disrupting properties

Product does not contain a substance above legal limits included in the list established in accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Other information

Other relevant toxicity information

Misuse can be harmful to health.

---

## SECTION 12: Ecological Information

### 12.1. Toxicity

Assessment of aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

Toxicity to fish:

LC50 (96 h) 0.0884 mg/l, *Oncorhynchus mykiss*

Aquatic invertebrates:

EC50 (48 h) 0.362 mg/l, *Daphnia magna*

Aquatic plants:

EC50 (72 h) 3.82 mg/l, *Pseudokirchneriella subcapitata*

EC10 (72 h) 1.33 mg/l, *Pseudokirchneriella subcapitata*

No observed effect concentration 0.16 mg/l, *Pseudokirchneriella subcapitata*

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

*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: Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)*

*Chronic toxicity to fish:*

*No observed effect concentration (33 d) 0.204 mg/l, Pimephales promelas (OPP 72-4 (EPA-Guideline), Flow through.)*

*Information on: (2RS)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1H-1,2,4-triazol-1-yl)propan-2-ol; mefentrifluconazole*

*Chronic toxicity to fish:*

*No observed effect concentration (36 d) 0.027 mg/l, Brachydanio rerio*

*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: Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)*

*Chronic toxicity to aquatic invertebrates:*

*No observed effect concentration (28 d) 0.022 mg/l, Mysidopsis bahia (Flow through.)*

*Information on: (2RS)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1H-1,2,4-triazol-1-yl)propan-2-ol; mefentrifluconazole*

*Chronic toxicity to aquatic invertebrates:*

*No observed effect concentration (21 d) 0.01 mg/l, Daphnia magna*

*EC10 (21 d) 0.0175 mg/l, Daphnia magna*

## 12.2. 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: Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)*

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

*Not readily biodegradable (by OECD criteria).*

*Information on: (2RS)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1H-1,2,4-triazol-1-yl)propan-2-ol; mefentrifluconazole*

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

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

*Not readily biodegradable (by OECD criteria).*

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

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

*Not readily biodegradable (by OECD criteria).*

### 12.3. 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: Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)*  
*Bioaccumulation potential:*

*Bioconcentration factor(BCF): 140 - 180 (42 d), Lepomis macrochirus (OECD Guideline 305 E)*

*Information on: (2RS)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1H-1,2,4-triazol-1-yl)propan-2-ol; mefentrifluconazole*

*Bioaccumulation potential:*

*Bioconcentration factor(BCF): 385*

*Does not accumulate in organisms.*

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

*Bioaccumulation potential:*

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

*Accumulation in organisms is not to be expected.*

### 12.4. 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: Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)*  
*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: (2RS)-2-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-1-(1H-1,2,4-triazol-1-yl)propan-2-ol; mefentrifluconazole*

*Assessment transport between environmental compartments:*



---

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

---

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

*Information on: pyraclostrobin (ISO); methyl N-[2-[1-(4-chlorophenyl)-1H-pyrazol-3-ylloxymethyl]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.*

-----

## 12.5. 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.

## 12.6. Endocrine disrupting properties

Product does not contain a substance above legal limits included in the list established in accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## 12.7. Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

### Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control.

---

## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

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

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

This product and any uncleaned containers must be disposed of as hazardous waste in accordance with the 2005 Hazardous Waste Regulations and amendments (United Kingdom)

Contaminated packaging:

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

---

## SECTION 14: Transport Information

---

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

---

### **Land transport**

#### ADR

UN number or ID number: UN3082  
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (PYRACLOSTROBIN, METRAFENONE)  
Transport hazard class(es): 9, EHSM  
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, METRAFENONE)  
Transport hazard class(es): 9, EHSM  
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, METRAFENONE)  
Transport hazard class(es): 9, EHSM  
Packing group: III  
Environmental hazards: yes  
Special precautions for  
user: None known

#### 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, METRAFENONE)  
Transport hazard class(es): 9, EHSM  
Packing group: III  
Environmental hazards: yes

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

Special precautions for user: Marine pollutant: YES  
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, METRAFENONE)  
Transport hazard class(es): 9, EHS  
Packing group: III  
Environmental hazards: yes  
Special precautions for user: None known

#### **14.1. UN number or ID number**

See corresponding entries for "UN number or ID number" for the respective regulations in the tables above.

#### **14.2. UN proper shipping name**

See corresponding entries for "UN proper shipping name" for the respective regulations in the tables above.

#### **14.3. Transport hazard class(es)**

See corresponding entries for "Transport hazard class(es)" for the respective regulations in the tables above.

#### **14.4. Packing group**

See corresponding entries for "Packing group" for the respective regulations in the tables above.

#### **14.5. Environmental hazards**

See corresponding entries for "Environmental hazards" for the respective regulations in the tables above.

#### **14.6. Special precautions for user**

See corresponding entries for "Special precautions for user" for the respective regulations in the tables above.

#### **14.7. 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

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

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)

## SECTION 15: Regulatory Information

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

#### Prohibitions, Restrictions and Authorizations

Annex XVII of Regulation (EC) No 1907/2006: Number on List: 3, 75

Restrictions of Regulation (EC) No 1907/2006, Annex XVII, do not apply for the intended use(s) of the product given in this SDS.

Directive 2012/18/EU - Control of Major Accident Hazards involving dangerous substances (EU):

List entry in regulation: E1

Classification applies for standard conditions of temperature and pressure.

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

The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).

This product may be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments if specific threshold tonnages are exceeded (United Kingdom).

### 15.2. Chemical Safety Assessment

Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

## SECTION 16: Other Information

For proper and safe use of this product, please refer to the approval conditions laid down on the product label.

#### Full text of the classifications, including the hazard classes and the hazard statements, if mentioned in section 2 or 3:

Acute Tox.	Acute toxicity
Skin Corr./Irrit.	Skin corrosion/irritation
Skin Sens.	Skin sensitization
Eye Dam./Irrit.	Serious eye damage/eye irritation
STOT SE	Specific target organ toxicity — single exposure
Repr.	Reproductive toxicity
Aquatic Acute	Hazardous to the aquatic environment - acute
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Skin Irrit.	Skin irritation
STOT RE	Specific target organ toxicity — repeated exposure
Asp. Tox.	Aspiration hazard

BASF Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 15.11.2024

Version: 1.0

Date / Previous version: not applicable

Previous version: none

Product: **Revyflex**

(ID no. 1054969/SDS\_CPA\_XI/EN)

Date of print 15.11.2024

Eye Irrit.	Eye irritation
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361d	Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H373	May cause damage to organs (Liver, Nasal cavity, Gastrointestinal tract) through prolonged or repeated exposure.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

#### Abbreviations

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road.  
 ADN = The European Agreement concerning the International Carriage of Dangerous Goods by Inland waterways. ATE = Acute Toxicity Estimates. CAO = Cargo Aircraft Only. CAS = Chemical Abstract Service. CLP = Classification, Labelling and Packaging of substances and mixtures. DIN = German national organization for standardization. DNEL = Derived No Effect Level. EC50 = Effective concentration median for 50% of the population. EC = European Community. EN = European Standards. IARC = International Agency for Research on Cancer. IATA = International Air Transport Association. IBC-Code = Intermediate Bulk Container code. IMDG = International Maritime Dangerous Goods Code. ISO = International Organization for Standardization. STEL = Short-Term Exposure Limit. LC50 = Lethal concentration median for 50% of the population. LD50 = Lethal dose median for 50% of the population. TLV = Threshold Limit Value. MARPOL = The International Convention for the Prevention of Pollution from Ships. NEN = Dutch Norm. NOEC = No Observed Effect Concentration. OEL = Occupational Exposure Limit. OECD = Organization for Economic Cooperation and Development. PBT = Persistent, Bioaccumulative and Toxic. PNEC = Predicted No Effect Level. PPM = Parts per million. RID = The European Agreement concerning the International Carriage of Dangerous Goods by Rail. TWA = Time Weight Average. UN-number = UN number at transport. vPvB = very Persistent and very Bioaccumulative.

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 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.

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