

# Safety data sheet

Page: 1/15

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 01.08.2022

Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

## 1. Identification

### Product identifier

## Zoom

### 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 SE

67056 Ludwigshafen

GERMANY

Operating Division Crop Protection

Telephone: +49 621 60-27777

E-mail address: Produktinformation-Pflanzenschutz@basf.com

### Emergency telephone number

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)

Skin Corr./Irrit. 2

Eye Dam./Irrit. 1

Skin Sens. 1

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

Repr. Additional category for effects on or via lactation.  
STOT SE 3 (irritating to respiratory system)  
Aquatic Acute 2  
Aquatic Chronic 2

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:  
Danger

Hazard Statement:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H362	May cause harm to breast-fed children.
H401	Toxic to aquatic life.
H411	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):

P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/mist/vapours.
P263	Avoid contact during pregnancy and while nursing.
P264	Wash contaminated body parts thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/clothing/eye protection.

Precautionary Statements (Response):

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

P303 + P352	IF ON SKIN (or hair): Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or physician.
P362 + P364	Take off contaminated clothing and wash it before reuse.
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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According to UN GHS criteria

Hazard determining component(s) for labelling: 1H-1,2,4-Triazole-1-ethanol,  $\alpha$ -[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]- $\alpha$ -methyl-, 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-; Fluxapyroxad, N,N-Dimethyldecan-1-amide

**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

**Mixtures**Chemical nature

crop protection product

Hazardous ingredients (GHS)

According to UN GHS criteria

1H-1,2,4-Triazole-1-ethanol,  $\alpha$ -[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]- $\alpha$ -methyl-

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

Content (W/W): 6,68 %  
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

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

Content (W/W): 6,29 %  
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

N,N-Dimethyldecan-1-amide

Content (W/W): < 50 %  
CAS Number: 14433-76-2  
EC-Number: 238-405-1

Acute Tox. 5 (oral)  
Skin Corr./Irrit. 2  
Eye Dam./Irrit. 2A  
STOT SE 3 (irr. to respiratory syst.)  
Aquatic Acute 2  
Aquatic Chronic 3  
H319, H315, H303, H335, H412, H401

Alcohols, C12-18, ethoxylated propoxylated

Content (W/W): < 15 %  
CAS Number: 69227-21-0

Aquatic Acute 2  
H401

Copoly(methymethacrylate/2-acrylamido-2-methylpropan sulfonic acid/dodecylacrylate/tetradecylacrylate)

Content (W/W): < 10 %  
CAS Number: 1224839-69-3

Skin Corr./Irrit. 1A  
Eye Dam./Irrit. 1  
Aquatic Acute 3  
Aquatic Chronic 3  
H314, H402, H412

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

## 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. Immediately administer a corticosteroid from a controlled/metered dose inhaler.

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

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.

### **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

### **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, dry powder, foam, carbon dioxide

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

Carbon monoxide, Carbon dioxide, Hydrogen chloride, Hydrogen fluoride, nitrogen 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**

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

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: 24 Months

### 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

907204-31-3: Fluxapyroxad

TWA value 0,2 mg/m<sup>3</sup> (BASF recomm. occupational exposure limit)

1417782-03-6: 1H-1,2,4-Triazole-1-ethanol, α-[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]-α-methyl-

TWA value 0,68 mg/m<sup>3</sup> (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:

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

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.

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## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

Form:	liquid
Colour:	light yellow
Odour:	faintly aromatic
Odour threshold:	Not determined since harmful by inhalation.
pH value:	approx. 2,5 - 4,5 (20 °C)
Freezing point:	-15 °C
Boiling point:	The product has not been tested.
Flash point:	120 °C
Evaporation rate:	not applicable
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.
Ignition temperature:	approx. 375 °C
Vapour pressure:	approx. 0,0011 hPa (25 °C) Information applies to the solvent.

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

Density: approx. 1,00 g/cm<sup>3</sup>  
(20 °C)  
Relative vapour density (air):  
not applicable  
Solubility in water: emulsifiable  
Partitioning coefficient n-octanol/water (log Kow):  
not applicable  
Thermal decomposition: 360 °C, 110 kJ/kg  
(onset temperature) Not a substance liable to self-decomposition  
according to UN transport regulations, class 4.1.  
Viscosity, dynamic: approx. 145 mPa.s  
(20 °C, 100 1/s)  
Explosion hazard: not explosive  
Fire promoting properties: not fire-propagating

### Other information

Surface tension: approx. 32,4 mN/m  
(25 °C)

Other Information:

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

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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



Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

#### Assessment of acute toxicity:

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

#### Experimental/calculated data:

LD50 (oral): > 2.000 mg/kg

No mortality was observed.

LC50 rat (by inhalation): > 1,9 - < 5,1 mg/l 4 h (OECD Guideline 403)

An aerosol was tested.

LD50 (dermal): > 2.000 mg/kg

No mortality was observed.

#### Irritation

##### Assessment of irritating effects:

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. Skin contact causes irritation. May cause severe damage to the eyes.

#### Experimental/calculated data:

Skin corrosion/irritation: Irritant. (OECD Guideline 431)

Serious eye damage/irritation: Risk of serious damage to eyes. (OECD Guideline 492)

#### Respiratory/Skin sensitization

##### Assessment of sensitization:

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. Sensitization after skin contact possible.

#### Experimental/calculated data:

mouse: sensitizing

#### Germ cell mutagenicity

##### Assessment of mutagenicity:

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

#### 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.*

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

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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.*

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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: N,N-Dimethyldecan-1-amide*

*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.*

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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: 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: 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: 1H-1,2,4-Triazole-1-ethanol,  $\alpha$ -[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]- $\alpha$ -methyl-*

*Assessment of repeated dose toxicity:*

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

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

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#### Aspiration hazard

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

No aspiration hazard expected.

#### Other relevant toxicity information

Misuse can be harmful to health.

## 12. Ecological Information

### Toxicity

Assessment of aquatic toxicity:

Toxic to aquatic life with long lasting effects.

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

Toxicity to fish:

LC50 (96 h) 1,81 mg/l, *Oncorhynchus mykiss*

Aquatic invertebrates:

EC50 (48 h) 2,107 mg/l, *Daphnia magna*

Aquatic plants:

EC50 (72 h) 6,71 mg/l, *Pseudokirchneriella subcapitata*

EC10 (72 h) 5,74 mg/l, *Pseudokirchneriella subcapitata*

*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.)*

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*Information on: 1H-1,2,4-Triazole-1-ethanol,  $\alpha$ -[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]- $\alpha$ -methyl-; Revysol Fungicide*

*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**

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### 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.

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

*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).*

*Information on: 1H-1,2,4-Triazole-1-ethanol,  $\alpha$ -[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]- $\alpha$ -methyl-*  
*Assessment biodegradation and elimination (H<sub>2</sub>O):*  
*Not readily biodegradable (by OECD criteria).*

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### **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: 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.*

*Information on: 1H-1,2,4-Triazole-1-ethanol,  $\alpha$ -[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]- $\alpha$ -methyl-*  
*Bioaccumulation potential:*  
*Bioconcentration factor: 385*  
*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: 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.*

*Information on: 1H-1,2,4-Triazole-1-ethanol,  $\alpha$ -[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]- $\alpha$ -methyl-*  
*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.

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

### 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.

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## 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. (TRIAZOLE DERIVATIVE, FLUXAPYROXAD)

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. (TRIAZOLE DERIVATIVE, FLUXAPYROXAD)

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

### Inland waterway transport

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

**ADN**

UN number or ID number: UN3082  
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (TRIAZOLE DERIVATIVE, FLUXAPYROXAD)

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. (TRIAZOLE DERIVATIVE, 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. (TRIAZOLE DERIVATIVE, 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;

Safety data sheet according to UN GHS 4th rev.  
Date / Revised: 01.08.2022  
Product: **Zoom**

Version: 2.0

(ID no. 30745203/SDS\_CPA\_00/EN)

Date of print 25.06.2024

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)

## 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
Skin Corr./Irrit.	Skin corrosion/irritation
Eye Dam./Irrit.	Serious eye damage/eye irritation
Skin Sens.	Skin sensitization
Repr.	Reproductive toxicity
STOT SE	Specific target organ toxicity — single exposure
Aquatic Acute	Hazardous to the aquatic environment - acute
Aquatic Chronic	Hazardous to the aquatic environment - chronic
H317	May cause an allergic skin reaction.
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.
H315	Causes skin irritation.
H303	May be harmful if swallowed.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.
H401	Toxic to aquatic life.
H314	Causes severe skin burns and eye damage.
H402	Harmful to aquatic life.

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.