

# Safety data sheet

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BASF Safety data sheet  
Date / Revised: 25.03.2025  
Product: **Revysion**

Version: 5.0

(30778070/SDS\_CPA\_AU/EN)

Date of print: 27.04.2026

## 1. Substance/preparation and manufacturer/supplier identification

**Product name:**  
Revysion

Use: crop protection product, fungicide

Manufacturer/supplier:

BASF Australia Limited (ABN 62 008 437 867)  
Level 23, 40 City Road, Southbank  
Victoria 3006, AUSTRALIA  
Telephone: +61 3 8855-6600

Emergency information:

BASF Emergency Advice Number: 1800 803 440 (24h) [within Australia]  
BASF Emergency Advice Number: + 61 3 8855 6666 [outside Australia]

## 2. Hazard identification

Classification of the substance and mixture:

Skin sensitization: Cat.1

Hazardous to the aquatic environment - acute: Cat.2

Hazardous to the aquatic environment - chronic: Cat.2

Label elements and precautionary statement:

Pictogram:



Signal Word:

Warning

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**Hazard Statement:**

H317 May cause an allergic skin reaction.  
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):**

P280 Wear protective gloves.  
P261 Avoid breathing mist or vapour or spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.

**Precautionary Statements (Response):**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 If skin irritation or rash occurs: Get medical attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P391 Collect spillage.

**Precautionary Statements (Disposal):**

P501 Dispose of contents and container to hazardous or special waste collection point.

**Other hazards which do not result in classification:**

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.

**May produce an allergic reaction. Contains:**

mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2-methyl-2H-isothiazol-3-one

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### 3. Composition/information on ingredients

Chemical nature

Substance nature: mixture

crop protection product, fungicide, suspension concentrate (SC)

**Hazardous ingredients**

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1H-1,2,4-Triazole-1-ethanol,  $\alpha$ -[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]- $\alpha$ -methyl-  
Content (W/W): 7.12 %      Skin Sens.: Cat. 1  
CAS Number: 1417782-03-6      Aquatic Acute: Cat. 1  
   Aquatic Chronic: Cat. 1  
   M-factor acute: 1  
   M-factor chronic: 1

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## 4. First-Aid Measures

General advice:  
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.

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

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## 5. Fire-Fighting Measures

Suitable extinguishing media:  
water spray, dry powder, foam, carbon dioxide

Specific hazards:  
carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen fluoride, nitrogen oxides, halogenated compounds, sulfur oxides  
The substances/groups of substances mentioned can be released in case of fire.

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

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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:

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 for cleaning up or taking 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

### 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:

No special precautions necessary. The substance/product is non-combustible. Product is not explosive.

### Storage

Segregate from foods and animal feeds.

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

### Storage stability:

Storage duration: 36 Months

Protect from temperatures below: -5 °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.

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## 8. Exposure controls and personal protection

Components with occupational exposure limits

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propane-1,2-diol, 57-55-6;

TWA value 474 mg/m<sup>3</sup> ; 150 ppm (AU NOEL), Total vapour and particulates  
TWA value 10 mg/m<sup>3</sup> (AU NOEL), Particulate  
TWA value 474 mg/m<sup>3</sup> ; 150 ppm (OEL (AU)), Total vapour and particulates  
TWA value 10 mg/m<sup>3</sup> (OEL (AU)), Particulate

1H-1,2,4-Triazole-1-ethanol,  $\alpha$ -[4-(4-chlorophenoxy)-2-(trifluoromethyl)phenyl]- $\alpha$ -methyl-, 1417782-03-6;

TWA value 0.68 mg/m<sup>3</sup> (BASF recomm. occupational exposure limit)

#### Personal protective equipment

Respiratory protection:  
Respiratory protection not required.

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:  
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

Form: liquid  
Colour: off-white  
Odour: faint, fruity  
Odour threshold: Not determined due to potential health hazard by inhalation.

pH value: approx. 4.5 - 6.5  
(20 °C)

Freezing point: approx. -1 °C  
Boiling point: approx. 100 °C  
Information applies to the solvent.

Flash point: Non-flammable.

Evaporation rate:	not applicable
Flammability (solid/gas):	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. 450 °C
Thermal decomposition:	280 °C , > 1,360 kJ/kg (onset temperature)
SADT:	Not a substance liable to self-decomposition according to UN transport regulations, class 4.1. > 75 °C
Explosion hazard:	Based on the chemical structure there is no indication of explosive properties.
Fire promoting properties:	Based on its structural properties the product is not classified as oxidizing.
Vapour pressure:	approx. 23.4 hPa (20 °C) Information applies to the solvent.
Density:	approx. 1.05 g/cm <sup>3</sup> (20 °C)
Relative vapour density (air):	not applicable
Solubility in water:	soluble
Partitioning coefficient n-octanol/water (log Pow):	not applicable for mixtures
Viscosity, dynamic:	approx. 93 mPa.s (20 °C, 100 1/s)

**Other Information:**

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

#### Particle characteristics

Particle size distribution: The substance / product is marketed or used in a non solid or granular form. -

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## 10. Stability and Reactivity

Conditions to avoid:  
See SDS section 7 - Handling and storage.

Thermal decomposition: 280 °C, > 1,360 kJ/kg  
(onset temperature)

Thermal decomposition: Not a substance liable to self-decomposition according to UN transport regulations, class 4.1.

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

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

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

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

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

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## 11. Toxicological Information

### Routes of exposure

#### Acute oral toxicity

Experimental/calculated data:  
LD50rat (oral): > 2,000 mg/kg  
No mortality was observed.

#### Acute inhalation toxicity

LC50 rat (by inhalation): > 5.41 mg/l  
No mortality was observed. An aerosol was tested.

#### Acute dermal toxicity

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

#### Assessment of acute toxicity

Virtually nontoxic after a single ingestion. Virtually nontoxic by 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.

#### 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

### **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

Serious eye damage/irritation rabbit: non-irritant

### **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: 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, polymer with a-hydro-hydroxypoly(oxy-1,4-butanediyl) and 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, polyethylene glycol mono-methyl ether- and polyethylene-polypropylene glycol mono-C16-18-alkyl ethers-blocked

Experimental/calculated data:

mouse: skin sensitizing (OECD Guideline 429)

Information on: 1,2-benzisothiazol-3(2H)-one

Experimental/calculated data:

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

### **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. The results of various animal studies gave no indication of a carcinogenic effect.

### **Reproductive toxicity**

Assessment of reproduction toxicity:

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

## Developmental toxicity

Assessment of teratogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

## Specific target organ toxicity (single exposure)

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

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: (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: mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Assessment of repeated dose toxicity:

Based on available data, the classification criteria are not met. After repeated exposure the prominent effect is local irritation.

## Aspiration hazard

not applicable

## Other relevant toxicity information

Misuse can be harmful to health.

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## 12. Ecological Information

### Ecotoxicity

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.

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Toxicity to fish:  
LC50 (96 h) 3.63 mg/l, *Oncorhynchus mykiss*

LC50 (96 h) 22.6 mg/l, *Cyprinus carpio*

Aquatic invertebrates:  
EC50 (48 h) 17.37 mg/l, *Daphnia magna*

Aquatic plants:  
EC50 (72 h) 20.83 mg/l, *Pseudokirchneriella subcapitata*

EC10 (72 h) 7.88 mg/l, *Pseudokirchneriella subcapitata*

No observed effect concentration (72 h) 2.56 mg/l, *Pseudokirchneriella subcapitata*

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*  
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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*  
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## Mobility

Assessment transport between environmental compartments:

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

Assessment transport between environmental compartments:

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

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

Assessment bioaccumulation potential:

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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

Bioaccumulation potential:

Bioconcentration factor: 385

Does not accumulate in organisms.

### **Additional information**

Other ecotoxicological advice:

Do not discharge product into the environment without control.

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## **13. Disposal Considerations**

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**

### **Domestic transport:**

UN number or ID number: UN 3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRIAZOLE DERIVATIVE, MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1))

Transport hazard class(es): 9, EHSM

Packing group: III

Environmental hazards: yes

Special precautions for user: None known

### **Further information**

Hazchem Code:3Z

IERG Number:47

### **Sea transport**

IMDG

UN number or ID number: UN 3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRIAZOLE DERIVATIVE, MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1))

Transport hazard class(es): 9, EHSM

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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, MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1))  
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**

Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subjected to the Australian Dangerous Goods Code when transported by road or rail in packagings not exceeding 500 kg(L) or IBCs.

### **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**

### **Other regulations**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

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Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not Scheduled

APVMA Approval No: 84344

**Registration status:**

AICIS, AU

Contains non-registered, non-listed substance., Individual registration may be required., Please contact your BASF representative.

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## 16. Other Information

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

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.