

# Safety data sheet

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BASF Safety data sheet  
Date / Revised: 26.01.2022  
Product: **Seltima® 10 CS**

Version: 3.0

(30613427/SDS\_CPA\_PH/EN)

Date of print 05.05.2023

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

### Seltima® 10 CS

Use: crop protection product, fungicide

Manufacturer/supplier:

BASF Philippines, Inc.  
Upper Penthouse CTP ASEAN Tower  
Asean Drive, Spectrum District  
Filinvest Corporate City, Alabang,  
Muntinlupa City, 1781, Metro Manila  
PHILIPPINES  
Telephone: +63 2 8811-8000  
E-mail address: psr.ph@basf.com

Emergency information:

National emergency number:  
+63 2 8831 5576  
International emergency number:  
Telephone: +49 180 2273-112

## 2. Hazard identification

Classification of the substance and mixture:  
Hazardous to the aquatic environment - acute: Cat. 1  
Hazardous to the aquatic environment - chronic: Cat. 1

Label elements and precautionary statement:

Pictogram:



Signal Word:  
Warning

Hazard Statement:

H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statement:

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

Precautionary Statements (Response):

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: HEXAMETHYLENE DIISOCYANATE, OLIGOMERS, DIETHYLENETRIAMINE, 1,2-BENZISOTHIAZOL-3(2H)-ONE

### 3. Composition/information on ingredients

#### Chemical nature

Substance nature: mixture

crop protection product, fungicide, capsule suspension (CS)

#### Hazardous ingredients

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

Content (W/W): 9.5 %  
 CAS Number: 175013-18-0

Acute Tox.: Cat. 3 (Inhalation - mist)  
 Skin Corr./Irrit.: Cat. 2  
 STOT SE: Cat. 3 (irr. to respiratory syst.)  
 Aquatic Acute: Cat. 1  
 Aquatic Chronic: Cat. 1  
 M-factor acute: 100  
 M-factor chronic: 10

Alcohols, C8-C10, ethoxylated, propoxylated (polymer)

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Content (W/W): < 15 %  
CAS Number: 68603-25-8

Acute Tox.: Cat. 5 (oral)  
Eye Dam./Irrit.: Cat. 2A  
Skin Corr./Irrit.: Cat. 2  
Aquatic Acute: Cat. 3

solvent naphtha

Content (W/W): < 10 %  
CAS Number: 64742-94-5

Asp. Tox.: Cat. 1  
Aquatic Acute: Cat. 2  
Aquatic Chronic: Cat. 2

(OLIGOMER) Hexamethylene diisocyanate isocyanurate-type oligomers

Content (W/W): < 5 %  
CAS Number: 28182-81-2

Acute Tox.: Cat. 4 (Inhalation - mist)  
Skin Sens.: Cat. 1  
STOT SE: Cat. 3 (irr. to respiratory syst.)

Alcohols, C12-18, ethoxylated propoxylated

Content (W/W): < 5 %  
CAS Number: 69227-21-0

Aquatic Acute: Cat. 2

2,2'-iminodi(ethylamine)

Content (W/W): < 1 %  
CAS Number: 111-40-0

Acute Tox.: Cat. 4 (oral)  
Acute Tox.: Cat. 2 (Inhalation - mist)  
Acute Tox.: Cat. 4 (dermal)  
Skin Corr./Irrit.: Cat. 1B  
Eye Dam./Irrit.: Cat. 1  
Skin Sens.: Cat. 1B  
STOT SE: Cat. 3 (irr. to respiratory syst.)  
Aquatic Acute: Cat. 3

1,2-benzisothiazol-3(2H)-one

Content (W/W): < 0.01 %  
CAS Number: 2634-33-5

Acute Tox.: Cat. 4 (oral)  
Skin Corr./Irrit.: Cat. 2  
Eye Dam./Irrit.: Cat. 1  
Skin Sens.: Cat. 1  
Aquatic Acute: Cat. 1  
Aquatic Chronic: Cat. 1  
M-factor acute: 1  
M-factor chronic: 1

glycerol

Content (W/W): < 10 %  
CAS Number: 56-81-5

## 4. First-Aid Measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

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:

Rinse mouth and then drink 200-300 ml of water.

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

Treatment: Symptomatic treatment (decontamination, vital functions).

## 5. Fire-Fighting Measures

Suitable extinguishing media:

dry powder, foam, water spray, carbon dioxide

Specific hazards:

carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen cyanide, nitrogen oxides, organochloric compounds, cyanides, sulfur oxides, silica compounds

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:

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. In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire.

## 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: 0 °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: 35 °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

solvent naphtha, 64742-94-5;

TWA value 200 mg/m<sup>3</sup> (ACGIHTLV), Non-aerosol  
 Measured as: total hydrocarbon vapor  
 Application restricted to conditions in which there are negligible aerosol exposures.  
 Skin Designation (ACGIHTLV), Non-aerosol  
 Measured as: total hydrocarbon vapor  
 Danger of cutaneous absorption  
 Skin Designation (ACGIHTLV), Non-aerosol  
 Measured as: total hydrocarbon vapor  
 Danger of cutaneous absorption  
 TWA value 200 mg/m<sup>3</sup> (ACGIHTLV), Non-aerosol  
 Measured as: total hydrocarbon vapor  
 Application restricted to conditions in which there are negligible aerosol exposures.

Naphthalene, 1-methyl-, 90-12-0;

TWA value 0.5 ppm (ACGIHTLV)  
 CLV 0.2 mg/m<sup>3</sup> (OEL (PH)), Particulate  
 Measured as: benzene solubles  
 Skin Designation (ACGIHTLV)  
 Danger of cutaneous absorption

Naphthalene, 2-methyl-, 91-57-6;

TWA value 0.5 ppm (ACGIHTLV)  
 Skin Designation (ACGIHTLV)  
 The substance can be absorbed through the skin.  
 CLV 0.2 mg/m<sup>3</sup> (OEL (PH)), Particulate  
 Measured as: benzene solubles  
 Skin Designation (ACGIHTLV)  
 Danger of cutaneous absorption

Personal protective equipment

Respiratory protection:

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

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.

## 9. Physical and Chemical Properties

Form:	liquid	
Colour:	pale beige	
Odour:	faintly aromatic	
Odour threshold:	Not determined due to potential health hazard by inhalation.	
pH value:	approx. 6 - 8 (20 °C)	
Melting temperature:	approx. 0 °C Information applies to the solvent.	
boiling temperature:	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. 438 °C	(Directive 92/69/EEC, A.15)
Thermal decomposition:	145 °C , 130 kJ/kg  360 °C , 160 kJ/kg	
Explosion hazard:	Not a substance liable to self-decomposition according to UN transport regulations, class 4.1. Based on the chemical structure there is no indication of explosive properties.	(Directive 92/69/EEC, A.14)

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(Directive 2004/73/EC, A.21)

Fire promoting properties: not fire-propagating

Vapour pressure: approx. 23 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: dispersible  
Partitioning coefficient n-octanol/water (log Pow):  
not applicable

Viscosity, dynamic: approx. 271 mPa.s  
(20 °C, 100 1/s)

**Other Information:**

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

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## 10. Stability and Reactivity

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

Thermal decomposition: 145 °C, 130 kJ/kg

Thermal decomposition: 360 °C, 160 kJ/kg

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

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

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.

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## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:  
Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.

Experimental/calculated data:  
LD50 rat (oral): > 2,000 mg/kg (OECD Guideline 401)



No mortality was observed.

LC50 rat (by inhalation): > 2.4 mg/l (OECD Guideline 403)  
Highest concentration technically achievable. No mortality was observed.

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

### **Irritation**

Assessment of irritating effects:  
Not irritating to the skin. Not irritating to the eyes.

Experimental/calculated data:  
Skin corrosion/irritation rabbit:

Serious eye damage/irritation rabbit:

### **Respiratory/Skin sensitization**

Assessment of sensitization:  
There is no evidence of a skin-sensitizing potential.

Experimental/calculated data:  
modified Buehler test guinea pig:

### **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: 2,2'-iminodi(ethylamine)

Assessment of carcinogenicity:

The substance showed no carcinogenic activity in animals after chronic administration to the skin.

Under certain conditions the substance can form nitrosamines. Nitrosamines are carcinogenic in animal studies.

Information on: solvent naphtha

Assessment of carcinogenicity:

Based on available data, the classification criteria are not met. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

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### **Reproductive toxicity**

Assessment of reproduction toxicity:

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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):

Assessment of STOT single:

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

Assessment of repeated dose toxicity:

After repeated exposure the prominent effect is local irritation. The substance may cause damage to the olfactory epithelium after repeated inhalation.

Information on: 2,2'-iminodi(ethylamine)

Assessment of repeated dose toxicity:

The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Information on: (OLIGOMER) Hexamethylene diisocyanate isocyanurate-type oligomers

Assessment of repeated dose toxicity:

After repeated exposure the prominent effect is local irritation.

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### Aspiration hazard

No aspiration hazard expected.

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

### Other relevant toxicity information

Misuse can be harmful to health.

## 12. Ecological Information

### Ecotoxicity

Assessment of aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

Toxicity to fish:

LC50 (96 h) > 1.06 mg/l, *Cyprinus carpio* (OECD 203; ISO 7346; 92/69/EEC, C.1, static)

Aquatic invertebrates:

EC50 (48 h) 0.624 mg/l, *Daphnia magna*

Aquatic plants:

EC10 (72 h) 7.7 mg/l (growth rate), *Pseudokirchneriella subcapitata* (OECD Guideline 201)

EC50 (72 h) 27.7 mg/l (growth rate), *Pseudokirchneriella subcapitata* (OECD Guideline 201)

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: 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 (28 d), 0.00128 mg/l, *Mysidopsis bahia* (OPP 72-4 (EPA-Guideline), Flow through.)

The statement of the toxic effect relates to the analytically determined concentration.

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

Assessment transport between environmental compartments:

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

## Persistence and degradability

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

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

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

Assessment bioaccumulation potential:

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

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

Bioaccumulation potential:

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

Accumulation in organisms is not to be expected.  
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## 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:

Packing group:	III
ID number:	UN 3082
Transport hazard class(es):	9, EHS
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains PYRACLOSTROBIN)

### Sea transport

IMDG

Packing group:	III
ID number:	UN 3082

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Transport hazard class(es): 9, EHS  
Marine pollutant: YES  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (contains PYRACLOSTROBIN)

### **Air transport**

IATA/ICAO

Packing group: III  
ID number: UN 3082  
Transport hazard class(es): 9, EHS  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (contains PYRACLOSTROBIN)

### **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**

Hazard determining component(s) for labelling: Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester

### **Other regulations**

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

1. Joint DTI-DENR-DA-DOF-DOH-DILG-DOLE-DOTC Administrative Order No. 01 Series of 2009 on "The Adoption and Implementation of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)"
2. DAO 2015-09 "Rules and Procedures for the Implementation of the Globally Harmonized System (GHS) of Classification and Labelling of Chemicals in Preparation of Safety Data Sheet (SDS) and Labelling Requirements of Toxic Chemical Substances"
3. Republic Act No. 6969, "Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990"

The regulatory information is not intended to be comprehensive. Other regulations may apply to the material

**Registration status:**

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PICCS, PH

Not listed.

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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.