

# Safety Data Sheet

## Nealta Miticide

Revision date : 2022/03/30  
Version: 4.1

Page: 1/11  
(30627535/SDS\_CPA\_CA/EN)

### 1. Identification

#### Product identifier used on the label

#### Nealta Miticide

#### Recommended use of the chemical and restriction on use

Recommended use\*: crop protection product, insecticide

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

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

##### Company:

BASF Canada Inc.  
5025 Creekbank Road  
Building A, Floor 2  
Mississauga, ON, L4W 0B6, CANADA

Telephone: +1 289 360-1300

#### Emergency telephone number

##### 24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: (800) 454-COPE (2673)

#### Other means of identification

PCP# 31284  
Synonyms: Cyflumetofen

---

### 2. Hazards Identification

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

#### Classification of the product

|                 |    |  |
|-----------------|----|--|
| Skin Sens.      | 1A | Skin sensitization                             |
| Aquatic Chronic | 2  | Hazardous to the aquatic environment - chronic |
| Aquatic Chronic | 1  | Hazardous to the aquatic environment - chronic |

#### Label elements

# Safety Data Sheet

## Nealta Miticide

Revision date : 2022/03/30  
Version: 4.1

Page: 2/11  
(30627535/SDS\_CPA\_CA/EN)

Pictogram:



Signal Word:  
Warning

Hazard Statement:

H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.  
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280 Wear protective gloves, protective clothing and eye protection or face protection.  
P273 Avoid release to the environment.  
P201 Obtain special instructions before use.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P202 Do not handle until all safety precautions have been read and understood.  
P272 Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements (Response):

P308 + P311 IF exposed or concerned: Call a POISON CENTER or physician.  
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.  
P391 Collect spillage.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Storage):

P405 Store locked up.

Precautionary Statements (Disposal):

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

---

### 3. Composition / Information on Ingredients

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

Cyflumetofen

CAS Number: 400882-07-7  
Content (W/W): 18.7 %  
Synonym: No data available.

---

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

First aid providers should wear personal protective equipment to prevent exposure. Remove contaminated clothing. Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. In case of intoxication, call a

# Safety Data Sheet

## Nealta Miticide

Revision date : 2022/03/30  
Version: 4.1

Page: 3/11  
(30627535/SDS\_CPA\_CA/EN)

poison control center or physician for treatment advice, taking the packaging or the label of the product.

### **If inhaled:**

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary.

### **If on skin:**

Rinse skin immediately with plenty of water for 15 - 20 minutes.

### **If in eyes:**

Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. Immediate medical attention required.

### **If swallowed:**

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

## **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**

### Note to physician

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

---

## **5. Fire-Fighting Measures**

### **Extinguishing media**

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

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

Hazards during fire-fighting:  
carbon monoxide, carbon dioxide, hydrogen bromide, hydrogen fluoride, nitrogen oxides, halogenated compounds, cyanides, silica compounds, sulfur oxides  
The substances/groups of substances mentioned can be released in case of fire.

### **Advice for fire-fighters**

Protective equipment for fire-fighting:  
Wear self-contained breathing apparatus and chemical-protective clothing.

### **Further information:**

Evacuate area of all unnecessary personnel. Contain contaminated water/firefighting water. Do not allow to enter drains or waterways.

# Safety Data Sheet

## Nealta Miticide

Revision date : 2022/03/30  
Version: 4.1

Page: 4/11  
(30627535/SDS\_CPA\_CA/EN)

---

### 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**

Dike spillage. Pick up with suitable absorbent material. Place into suitable containers for reuse or disposal in a licensed facility. Spilled substance/product should be recovered and applied according to label rates whenever possible. If application of spilled substance/product is not possible, then spills should be contained, solidified, and placed in suitable containers for disposal. After decontamination, spill area can be washed with water. Collect wash water for approved disposal.

---

### 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.

#### **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.

---

### 8. Exposure Controls/Personal Protection

**Users of a pesticidal product should refer to the product label for personal protective equipment requirements.**

No substance specific occupational exposure limits known.

#### **Advice on system design:**

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

#### **Personal protective equipment**

##### **Respiratory protection:**

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) TC23C Chemical/Mechanical type filter system to remove a combination of particles, gas and vapours. For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

# Safety Data Sheet

## Nealta Miticide

Revision date : 2022/03/30

Page: 5/11

Version: 4.1

(30627535/SDS\_CPA\_CA/EN)

### Hand protection:

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

### Eye protection:

Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

### Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

### General safety and hygiene measures:

Wear long sleeved work shirt and long work pants in addition to other stated personal protective equipment. Work place should be equipped with a shower and an eye wash. Handle in accordance with good industrial hygiene and safety practice. Personal protective equipment should be decontaminated prior to reuse. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). Remove contaminated clothing. Store work clothing separately. Hands and/or face should be washed before breaks and at the end of the shift. No eating, drinking, smoking or tobacco use at the place of work. Keep away from food, drink and animal feeding stuffs.

## 9. Physical and Chemical Properties

|   |  |                                |
|---|--|--------------------------------|
| Form:   | liquid   |                                |
| Odour:  | odourless  |                                |
| Odour threshold:                                    | not applicable, odour not perceivable  |                                |
| Colour:   | milky white  |                                |
| pH value:   | approx. 5 - 7<br>( 10 g/l, 25 °C)  |                                |
| Melting point:                                      | < 20 °C  |                                |
| onset of boiling:                                   | approx. 99 °C  |                                |
| Flash point:  | No flash point - Measurement made up to the boiling point.   | (Directive 92/69/EEC, A.9)     |
| 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. |                                |
| Autoignition:                                       | approx. 370 °C   | (Regulation 440/2008/EC, A.15) |
| Vapour pressure:                                    | approx. 23.4 hPa<br>( 20 °C)<br>Information applies to the solvent.  |                                |
| Density:  | approx. 1.07 g/cm <sup>3</sup><br>( 20 °C)   |                                |
| Vapour density:                                     | not applicable   |                                |
| Partitioning coefficient n-octanol/water (log Pow): | not applicable   |                                |
| Thermal decomposition:                              | 175 °C, 80 kJ/kg (DSC (OECD 113))<br>310 °C, 50 kJ/kg (DSC (OECD 113))   |                                |

# Safety Data Sheet

## Nealta Miticide

Revision date : 2022/03/30  
Version: 4.1

Page: 6/11  
(30627535/SDS\_CPA\_CA/EN)

|                      |  |
|----------------------|--|
|                      | 400 °C, > 120 kJ/kg (DSC (OECD 113))<br>Not a substance liable to self-decomposition according to UN transport regulations, class 4.1. |
| Viscosity, dynamic:  | approx. 38.4 mPa.s<br>( 20 °C)   |
| Solubility in water: | dispersible  |
| Evaporation rate:    | not applicable   |
| Other Information:   | If necessary, information on other physical and chemical parameters is indicated in this section.                                      |

---

## 10. Stability and Reactivity

### Reactivity

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

Oxidizing properties:  
not fire-propagating

### Chemical stability

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

### Possibility of hazardous reactions

The product is chemically stable.

Hazardous polymerization will not occur. No hazardous reactions if stored and handled as prescribed/indicated.

### Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid prolonged storage. Avoid electro-static discharge. Avoid contamination. Avoid prolonged exposure to extreme heat. Avoid extreme temperatures.

### Incompatible materials

strong acids, strong bases, strong oxidizing agents

### Hazardous decomposition products

Decomposition products:

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

Thermal decomposition:  
175 °C (DSC (OECD 113))

310 °C (DSC (OECD 113))

400 °C (DSC (OECD 113))

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

---

## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

# Safety Data Sheet

## Nealta Miticide

Revision date : 2022/03/30  
Version: 4.1

Page: 7/11  
(30627535/SDS\_CPA\_CA/EN)

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: Slightly toxic after single ingestion. Relatively nontoxic after short-term skin contact. Relatively nontoxic after short-term inhalation.

#### Oral

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg (OECD Guideline 423)

No mortality was observed.

#### Inhalation

Type of value: LC50

Species: rat (male/female)

Value: > 5.18 mg/l (OECD Guideline 403)

Exposure time: 4 h

No mortality was observed.

#### Dermal

Type of value: LD50

Species: rat (male/female)

Value: > 5,000 mg/kg (OECD Guideline 402)

#### Assessment other acute effects

Assessment of STOT single:

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

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

#### Irritation / corrosion

Assessment of irritating effects: May cause slight irritation to the skin. May cause slight but temporary irritation to the eyes.

#### Skin

Species: rabbit

Result: non-irritant

Method: OECD Guideline 404

#### Eye

Species: rabbit

Result: non-irritant

Method: OECD Guideline 405

#### Sensitization

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

*Information on: Cyflumetofen*

*Guinea pig maximization test*

*Species: guinea pig*

*Result: sensitizing*

*Method: OECD Guideline 406*

-----

### Chronic Toxicity/Effects

# Safety Data Sheet

## Nealta Miticide

Revision date : 2022/03/30  
Version: 4.1

Page: 8/11  
(30627535/SDS\_CPA\_CA/EN)

### Repeated dose toxicity

Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

### Genetic toxicity

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

### *Information on: Cyflumetofen*

*Assessment of mutagenicity: 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: Cyflumetofen*

*Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests.*

-----

### 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.

### *Information on: Cyflumetofen*

*Assessment of reproduction toxicity: The results of animal studies gave no indication of a fertility impairing effect.*

-----

### Teratogenicity

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

### *Information on: Cyflumetofen*

*Assessment of teratogenicity: Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.*

-----

### Other Information

Misuse can be harmful to health.

### Medical conditions aggravated by overexposure

Individuals with pre-existing diseases of the respiratory system, skin or eyes may have increased susceptibility to excessive exposures.

---

## 12. Ecological Information

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:



# Safety Data Sheet

## Nealta Miticide

Revision date : 2022/03/30  
Version: 4.1

Page: 9/11  
(30627535/SDS\_CPA\_CA/EN)

There is a high probability that the product is not acutely harmful to fish. Acutely harmful for aquatic invertebrates. There is a high probability that the product is not acutely harmful to aquatic plants.

### Toxicity to fish

LC50 (96 h) > 4.45 mg/l, *Oncorhynchus mykiss*

### Aquatic invertebrates

EC50 (48 h) > 3.5 mg/l, *Daphnia magna*

### Aquatic plants

EC50 (72 h) > 1.4 mg/l (growth rate), *Pseudokirchneriella subcapitata*

No observed effect concentration (72 h) > 1.4 mg/l, *Pseudokirchneriella subcapitata*

### Chronic toxicity to fish

*Information on: Cyflumetofen*  
-----

### Chronic toxicity to aquatic invertebrates

*Information on: Cyflumetofen*  
-----

## **Persistence and degradability**

### Assessment biodegradation and elimination (H2O)

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

## **Bioaccumulative potential**

### Assessment bioaccumulation potential

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

## **Mobility in soil**

### 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: Cyflumetofen*

*Adsorption to solid soil phase is expected.*  
-----

## **Additional information**

Other ecotoxicological advice:

Do not discharge product into the environment without control.

---

## **13. Disposal considerations**

### **Waste disposal of substance:**

See product label for disposal and recycling instructions.

# Safety Data Sheet

## Nealta Miticide

Revision date : 2022/03/30  
Version: 4.1

Page: 10/11  
(30627535/SDS\_CPA\_CA/EN)

### Container disposal:

Rinse the container or liner as needed for disposal. Add rinsate to spray tank. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Consult the product label for additional details.

---

## 14. Transport Information

### Land transport

TDG

Not classified as a dangerous good under transport regulations

### Sea transport

IMDG

Hazard class: 9  
Packing group: III  
ID number: UN 3082  
Hazard label: 9, EHSM  
Marine pollutant: YES  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains CYFLUMETOFEN)

### Air transport

IATA/ICAO

Hazard class: 9  
Packing group: III  
ID number: UN 3082  
Hazard label: 9, EHSM  
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains CYFLUMETOFEN)

### Further information

Exempt from regulation when transported by road or rail, in accordance with TDG Regulations 1.45.1. This exemption provides that this product does not require dangerous goods shipping documentation or safety marks when transported on land by road or rail.

---

## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Crop Protection DSL, CA released / exempt

Chemical DSL, CA blocked / registration status not clarified

#### NFPA Hazard codes:

Health: 1 Fire: 1 Reactivity: 1 Special:

#### Labeling requirements under Pest Control Products Act

# Safety Data Sheet

## Nealta Miticide

Revision date : 2022/03/30  
Version: 4.1

Page: 11/11  
(30627535/SDS\_CPA\_CA/EN)

Read the label, authorized under the Pest Control Products Act, prior to using or handling the pest control product.

This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency and is subject to certain labelling requirements under the Pest Control Products Act. These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets. The following is the hazard information required on the pest control product label:

**WARNING:**

Contains the allergen soy.

**KEEP OUT OF REACH OF CHILDREN.**

Wash thoroughly after handling.

There are Canada-specific environmental requirements for handling, use, and disposal of this pest control product that are indicated on the label.

### 16. Other Information

**SDS Prepared by:**

BASF NA Product Regulations

SDS Prepared on: 2022/03/30

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

END OF DATA SHEET