

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28  
Version: 5.0

Page: 1/16  
(30643605/SDS\_CPA\_US/EN)

### 1. Identification

#### Product identifier used on the label

## Nexicor Xemium Brand Fungicide

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

Recommended use\*: , crop protection product, fungicide

\* 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 SE  
67056 Ludwigshafen  
GERMANY

Contact address:  
BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932  
USA  
Telephone: +1 973 245-6000

#### Emergency telephone number

#### 24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Substance number: 717819  
Synonyms: Xemium + Propiconazole + Pyraclostrobin

---

### 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

#### Classification of the product

Acute Tox.	4 (oral)	Acute toxicity
Acute Tox.	4 (Inhalation - mist)	Acute toxicity
Skin Corr./Irrit.	2	Skin corrosion/irritation
Skin Sens.	1	Skin sensitization
Repr.	Add. cat. lact.	Reproductive toxicity

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28

Page: 2/16

Version: 5.0

(30643605/SDS\_CPA\_US/EN)

Repr.	2 (unborn child)	Reproductive toxicity
STOT SE	3 (irritating to respiratory system)	Specific target organ toxicity — single exposure
Aquatic Acute	1	Hazardous to the aquatic environment - acute
Aquatic Chronic	1	Hazardous to the aquatic environment - chronic

### Label elements

Pictogram:



Signal Word:

Warning

Hazard Statement:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H362	May cause harm to breast-fed children.
H335	May cause respiratory irritation.
H361	Suspected of damaging the unborn child.
H302 + H332	Harmful if swallowed or if inhaled
H400	Very toxic to aquatic life.
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.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P260	Do not breathe dust/mist/vapours.
P201	Obtain special instructions before use.
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.
P264	Wash contaminated body parts thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P263	Avoid contact during pregnancy and while nursing.

Precautionary Statements (Response):

P312	Call a POISON CENTER or physician if you feel unwell.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
P330	Rinse mouth
P391	Collect spillage.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P332 + P313	If skin irritation occurs: Get medical attention.
P308 + P313	IF exposed or concerned: Get medical attention.

Precautionary Statements (Storage):

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

Precautionary Statements (Disposal):

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28

Page: 3/16

Version: 5.0

(30643605/SDS\_CPA\_US/EN)

P501

Dispose of contents/container in accordance with local regulations.

### 3. Composition / Information on Ingredients

#### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

##### Fluxapyroxad

CAS Number: 907204-31-3

Content (W/W): 2.8 %

Synonym: 3-(difluoromethyl)-1-methyl-N-(3',4',5'-trifluoro[1,1'-biphenyl]-2-yl)-1H-pyrazole-4-carboxamide

##### propiconazole

CAS Number: 60207-90-1

Content (W/W): 11.7 %

Synonym: 1H-1,2,4-Triazole, 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-

##### pyraclostrobin

CAS Number: 175013-18-0

Content (W/W): 18.7 %

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

##### solvent naphtha

CAS Number: 64742-94-5

Content (W/W): 15.0 - 20.0%

Synonym: Solvent naphtha, petroleum, heavy arom.

##### Decanamide, N,N-dimethyl-

CAS Number: 14433-76-2

Content (W/W): 10.0 - 15.0%

Synonym: No data available.

##### biphenyl

CAS Number: 92-52-4

Content (W/W): 0.1 - 1.0%

Synonym: 1,1'-Biphenyl; Diphenyl, Phenylbenzene

##### Naphthalene, 1-methyl-

CAS Number: 90-12-0

Content (W/W): 0.0 - 5.0%

Synonym: No data available.

##### Naphthalene, 2-methyl-

CAS Number: 91-57-6

Content (W/W): 0.0 - 7.0%

Synonym: No data available.

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

CAS Number: 99734-09-5

Content (W/W): 5.0 - 7.0%

Synonym: No data available.

##### Alcohols, C12-18, ethoxylated propoxylated

CAS Number: 69227-21-0

Content (W/W): 10.0 - 15.0%

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28  
Version: 5.0

Page: 4/16  
(30643605/SDS\_CPA\_US/EN)

Synonym: No data available.

---

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

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.

##### If on skin:

Immediately wash thoroughly with soap and water, seek medical attention.

##### If in eyes:

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

##### If swallowed:

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

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

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

Hazards during fire-fighting:  
carbon monoxide, carbon dioxide, nitrogen 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.

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28

Version: 5.0

Page: 5/16

(30643605/SDS\_CPA\_US/EN)

### 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.

---

## 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

RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Ensure adequate ventilation. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect against heat. Protect contents from the effects of light. Protect from air. Handle and open container with care. Do not open until ready to use. Once container is opened, content should be used as soon as possible. Avoid aerosol formation. Provide means for controlling leaks and spills. Do not return residues to the storage containers. Follow label warnings even after container is emptied. The substance/ product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

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.

---

## 8. Exposure Controls/Personal Protection

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

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28

Version: 5.0

Page: 6/16

(30643605/SDS\_CPA\_US/EN)

### Components with occupational exposure limits

solvent naphtha	ACGIH, US:	TWA value 200 mg/m <sup>3</sup> Non-aerosol (total hydrocarbon vapor); Application restricted to conditions in which there are negligible aerosol exposures.
	ACGIH, US:	Skin Designation Non-aerosol (total hydrocarbon vapor); Danger of cutaneous absorption
	ACGIH, US:	Skin Designation Non-aerosol (total hydrocarbon vapor); Danger of cutaneous absorption
	ACGIH, US:	TWA value 200 mg/m <sup>3</sup> Non-aerosol (total hydrocarbon vapor); Application restricted to conditions in which there are negligible aerosol exposures.
Naphthalene, 1-methyl-	ACGIH, US:	TWA value 0.5 ppm ;
	ACGIH, US:	Skin Designation ; Danger of cutaneous absorption
Naphthalene, 2-methyl-	ACGIH, US:	TWA value 0.5 ppm ;
	ACGIH, US:	Skin Designation ; The substance can be absorbed through the skin.

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

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

### Personal protective equipment

#### **RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:**

#### **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.

#### **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. Wear face shield or tightly fitting safety goggles (chemical goggles) 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.

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28

Page: 7/16

Version: 5.0

(30643605/SDS\_CPA\_US/EN)

### 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. 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:	moderate odour, fish-like
Odour threshold:	Not determined since harmful by inhalation.
Colour:	orange, clear
pH value:	approx. 5 - 7 ( 1 %(m), 23 °C)
Melting point:	< -19 °C
Boiling point:	The product has not been tested.
Flash point:	approx. 135 °C
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. 395 °C
SADT:	> 75 °C
Vapour pressure:	approx. 1 hPa ( 20 °C)
Density:	Information applies to the solvent. approx. 1.07 g/cm <sup>3</sup> ( 20 °C)
Vapour density:	not applicable
Partitioning coefficient n-octanol/water (log Pow):	not applicable
Thermal decomposition:	180 °C, 60 kJ/kg (DSC (OECD 113)) (onset temperature) 295 °C, 410 kJ/kg (DSC (OECD 113)) (onset temperature) Not a substance liable to self-decomposition according to UN transport regulations, class 4.1.
Viscosity, dynamic:	approx. 127 mPa.s ( 20 °C)
Viscosity, kinematic:	approx. 35 mm <sup>2</sup> /s ( 40 °C) The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.
Solubility in water:	emulsifiable

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28

Version: 5.0

Page: 8/16

(30643605/SDS\_CPA\_US/EN)

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

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

#### Conditions to avoid

See SDS section 7 - Handling and storage.

#### 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:

180 °C (DSC (OECD 113))

(onset temperature)

295 °C (DSC (OECD 113))

(onset temperature)

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.

#### Acute Toxicity/Effects

##### Acute toxicity

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

##### Oral

Type of value: LD50

Species: rat (female)



# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28

Page: 9/16

Version: 5.0

(30643605/SDS\_CPA\_US/EN)

Value: 500 - 2,000 mg/kg

### Inhalation

Type of value: LC50

Species: rat (female)

Value: 1.635 mg/l

### Dermal

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

No mortality was observed.

### Assessment other acute effects

Assessment of STOT single:

Causes temporary irritation of the respiratory tract.

Target organ: Respiratory system

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

### Irritation / corrosion

Assessment of irritating effects: Skin contact causes irritation. Not irritating to the eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

### Skin

Species: rabbit

Result: Irritant.

### Eye

Species: rabbit

Result: non-irritant

*Information on: Alcohols, C11-14-iso-, C13-rich, ethoxylated propoxylated*

*Species: rabbit*

*Result: 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: Propiconazole technical*

*Species: guinea pig*

*Result: sensitizing*

### Aspiration Hazard

The product has not been tested. The statement has been derived from the properties of the individual components. No aspiration hazard expected.

## Chronic Toxicity/Effects

### 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.

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28  
Version: 5.0

Page: 10/16  
(30643605/SDS\_CPA\_US/EN)

*Information on: pyraclostrobin*

*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: Fluxapyroxad*

*Assessment of repeated dose toxicity: Adaptive effects were observed after repeated exposure in animal studies.*

*Information on: Decanamide, N,N-dimethyl-*

*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: naphthalene*

*Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects. The substance may cause damage to the olfactory epithelium after repeated inhalation. Repeated dermal uptake of the substance did not cause substance-related effects.*

-----  
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: naphthalene*

*Assessment of mutagenicity: The substance was not mutagenic in bacteria. The substance was mutagenic in a mammalian cell culture test system. The substance was not mutagenic in a test with mammals. Literature data.*

-----  
Carcinogenicity

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

*Information on: 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.*

*Information on: naphthalene*

*Assessment of carcinogenicity: In long-term studies in rats and mice in which the substance was given by inhalation, a carcinogenic effect was observed. EU-classification The substance was classified as a group 3 carcinogen by the German MAK-Commission (substances for which a suspicion of a carcinogenic potential exists). IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

-----  
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: Fluxapyroxad*

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28

Page: 11/16

Version: 5.0

(30643605/SDS\_CPA\_US/EN)

*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.*

-----

### Teratogenicity

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

### *Information on: Propiconazole technical*

*Assessment of teratogenicity: The substance caused malformations/developmental toxicity in laboratory animals.*

### *Information on: Decanamide, N,N-dimethyl-*

*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.*

-----

### Other Information

Misuse can be harmful to health.

---

## 12. Ecological Information

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

#### Aquatic invertebrates

EC50 (48 h) 0.0034 mg/l, Daphnia magna (static)

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

#### Toxicity to fish

*Information on: Propiconazole technical*

*LC50 (96 h) 4.3 mg/l, Oncorhynchus mykiss*

*Information on: Fluxapyroxad*

*LC50 (96 h) 0.29 mg/l, Cyprinus carpio (Fish test acute, semistatic)*

*LC50 (96 h) 0.546 mg/l, Oncorhynchus mykiss (OECD Guideline 203, static)*

*LC50 (96 h) 1.15 mg/l, Lepomis macrochirus (OECD Guideline 203, static)*

*LC50 (96 h) 0.466 mg/l, Pimephales promelas (OECD Guideline 203, static)*

*Information on: pyraclostrobin*

*LC50 (96 h) 0.00616 mg/l, Oncorhynchus mykiss (EPA 72-1, Flow through.)*

-----

#### Aquatic plants

*Information on: Propiconazole technical*

*EC50 (96 h) 8.9 mg/l (growth rate), Pseudokirchneriella subcapitata*

*No observed effect concentration (96 h) 0.13 mg/l (growth rate), Pseudokirchneriella subcapitata*

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28  
Version: 5.0

Page: 12/16  
(30643605/SDS\_CPA\_US/EN)

### *Information on: Fluxapyroxad*

*EC50 (72 h) 0.70 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201)*  
*EC50 (96 h) 0.66 mg/l (growth rate), Pseudokirchneriella subcapitata*  
*EC10 (72 h) 0.31 mg/l (growth rate), Pseudokirchneriella subcapitata*  
*EC10 (96 h) 0.36 mg/l (growth rate), Pseudokirchneriella subcapitata*

### *Information on: pyraclostrobin*

*EC50 (72 h) > 0.843 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201)*  
*EC10 (72 h) 0.078 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201)*

### Chronic toxicity to fish

#### *Information on: Propiconazole technical*

*No observed effect concentration (95 d) 0.068 mg/l, Cyprinodon variegatus*

#### *Information on: Fluxapyroxad*

*No observed effect concentration (33 d) 0.0359 mg/l, Pimephales promelas (OECD Guideline 210, Flow through.)*

#### *Information on: pyraclostrobin*

*No observed effect concentration (98 d) approx. 0.00235 mg/l, Oncorhynchus mykiss (OECD Guideline 210, Flow through.)*

### Chronic toxicity to aquatic invertebrates

#### *Information on: Propiconazole technical*

*No observed effect concentration (28 d) 0.11 mg/l, Mysidopsis bahia*

#### *Information on: Fluxapyroxad*

*No observed effect concentration (21 d) 0.5 mg/l, Daphnia magna (OECD Guideline 211, semistatic)*

#### *Information on: pyraclostrobin*

*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.*

### **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.

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

##### *Information on: Propiconazole technical*

*Not readily biodegradable (by OECD criteria).*

##### *Information on: Fluxapyroxad*

*Not readily biodegradable (by OECD criteria).*

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28  
Version: 5.0

Page: 13/16  
(30643605/SDS\_CPA\_US/EN)

*Information on: pyraclostrobin*

*Not readily biodegradable (by OECD criteria).*  
-----

### **Bioaccumulative potential**

#### Assessment bioaccumulation potential

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

#### Bioaccumulation potential

*Information on: Propiconazole technical*

*Bioconcentration factor: 180*

*Information on: Fluxapyroxad*

*Bioconcentration factor: 36 - 37 (28 d), Lepomis macrochirus (OECD-Guideline 305)  
Does not accumulate in organisms.*

*Information on: pyraclostrobin*

*Bioconcentration factor: 379 - 507, Oncorhynchus mykiss (OECD-Guideline 305)  
Accumulation in organisms is not to be expected.*  
-----

### **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: Propiconazole technical*

*Following exposure to soil, the product trickles away and can - dependant on degradation - be transported to deeper soil areas with larger water loads.*

*Information on: Fluxapyroxad*

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

*Information on: pyraclostrobin*

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

### **Additional information**

Other ecotoxicological advice:

Do not discharge product into the environment without control.

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28  
Version: 5.0

Page: 14/16  
(30643605/SDS\_CPA\_US/EN)

### 13. Disposal considerations

#### Waste disposal of substance:

Pesticide wastes are regulated. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If pesticide wastes cannot be disposed of according to label instructions, contact the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### Container disposal:

Rinse thoroughly at least three times (triple rinse) in accordance with EPA recommendations. Consult state or local disposal authorities for approved alternative procedures such as container recycling. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

### 14. Transport Information

#### Land transport

USDOT

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 PYRACLOSTROBIN, PROPICONAZOLE)

#### 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 PYRACLOSTROBIN, PROPICONAZOLE)

#### 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)

### 15. Regulatory Information

#### Federal Regulations

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28  
Version: 5.0

Page: 15/16  
(30643605/SDS\_CPA\_US/EN)

### Registration status:

Crop Protection TSCA, US released / exempt

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
100 LBS	92-52-4; 64742-94-5	biphenyl; solvent naphtha

### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
NJ	60207-90-1	propiconazole
	64742-94-5	solvent naphtha
	90-12-0	Naphthalene, 1-methyl-
	85-01-8	phenanthrene
	91-20-3	naphthalene
	92-52-4	biphenyl
PA	108-88-3	Toluene
	64742-94-5	solvent naphtha
	90-12-0	Naphthalene, 1-methyl-
	91-57-6	Naphthalene, 2-methyl-

### **Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:**

### **BASF Risk Assessment, CA Prop. 65:**

Based on an evaluation of the product's composition and the use(s), this product does not require a California Proposition 65 Warning.

### **Labeling requirements under FIFRA**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION:

KEEP OUT OF REACH OF CHILDREN.

HARMFUL IF SWALLOWED.

HARMFUL IF INHALED.

Causes eye irritation.

Avoid contact with the skin, eyes and clothing.

Avoid inhalation of mists/vapours.

Wash thoroughly after handling.

---

## 16. Other Information

### **SDS Prepared by:**

BASF NA Product Regulations

SDS Prepared on: 2022/04/28

# Safety Data Sheet

## Nexicor Xemium Brand Fungicide

Revision date : 2022/04/28

Page: 16/16

Version: 5.0

(30643605/SDS\_CPA\_US/EN)

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