

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations Issue date: 1/9/2025 Version: 1.0



SECTION 1: Identification

1.1. Identification

Product form Product name

- : Mixture : Cortina Xtra
- 1.2. Recommended use and restrictions on use

Use of the substance/mixture	: Biocide Approved only for uses listed on the EPA approved label.
Restrictions on use	: It is a violation of law to use this product in a manner inconsistent with its labeling.
1.3. Supplier	
Sipcam Agro USA, Inc.	

2525 Meridian Parkway, Suite 100 Durham, North Carolina, 27713 T (919) 226-1195

1.4. Emergency telephone number

Emergency number

: CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Acute Tox. 4 (Inhalation:dust,mist)	H332	Harmful if inhaled.
Eye Irrit. 2	H319	Causes serious eye irritation.
Aquatic Acute 1	H400	Very toxic to aquatic life.
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects.
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Full text of hazard classes and H-statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US) Hazard statements (GHS US)

Precautionary statements (GHS US)

: Warning

: H319 - Causes serious eye irritation

- H332 Harmful if inhaled
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects
- : P261 Avoid breathing dust, fume, gas, mist, vapours, spray.
 - P264 Wash hands, forearms and face thoroughly after handling.
 - P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a poison center or doctor if you feel unwell.



P337+P313 - If eye irritation persists: Get medical advice or attention. P391 - Collect spillage.

P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2- cyanophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate	CAS-No.: 131860-33-8	15 – 25	Acute Tox. 3 (Inhalation:dust,mist), H331 Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
Prothioconazole	CAS-No.: 178928-70-6	15 – 25	Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a poison center/doctor/physician if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.
4.2. Most important symptoms and effects	s (acute and delayed)
Symptoms/effects after inhalation	: Harmful if inhaled.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: Eye irritation.

: None under normal conditions.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures	
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5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media Unsuitable extinguishing media

Symptoms/effects after ingestion

Water spray. Dry powder. Foam. Carbon dioxide.Do not use a heavy water stream.

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5.2. Specific hazards arising from the chemical			
Fire hazard	: No fire hazard.		
Explosion hazard	: No direct explosion hazard.		
Hazardous decomposition products in case of fire	: Toxic fumes may be released.		
5.3. Special protective equipment and precautions for fire-fighters			
Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.		
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.		

SECTION 6: Accidental release measures
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6.1. Personal precautions, protective equipment and emergency procedures

• • •	
General measures	: Stop leak if safe to do so. Prevent runoff from entering drains, sewers or waterways. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.
6.1.1. For non-emergency personnel	
Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.
6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Evacuate unnecessary personnel. Stop leak if safe to do so.
6.2. Environmental precautions	
Avoid release to the environment.	

6.3. Methods and material for containment and cleaning up

For containment

: Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.

Methods for cleaning up Other information : Take up liquid spill into absorbent material.: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage				
7.1. Precautions for safe handling				
Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.			
Precautions for safe handling	: Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment.			
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.			
7.2. Conditions for safe storage, incl	uding any incompatibilities			
Technical measures	: Keep in a cool, well-ventilated place away from heat.			
Storage conditions	: Keep cool. Protect from sunlight.			

Storage conditions	. Reep book i fotoot nom samight.	
Packaging materials	: Store always product in container of same material as original contain	er.

Cortina[®] Xtra

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls Environmental exposure controls : Ensure good ventilation of the work station.: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:					
Wear protective gloves					
Туре	Material	Permeation Thickness (mm) Penetration			Penetration
Disposable gloves	butyl rubber, Nitrile rubber (NBR), Neoprene rubber (HNBR)	Check with protective equipment manufacturer's data.			
Eye protection:	Eye protection:				
Wear eye protection					
Type Field of application Characteristics					
Safety glasses		With side shields			
Skin and body protection:					
Wear suitable protective clothing. refer to label					
Respiratory protection:					
refer to label					

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Color Odor Odor threshold pH Melting point Freezing point Boiling point Flash point Relative evaporation rate (butyl acetate=1) Flammability (solid, gas) Vapor pressure Relative vapor density at 20°C Relative density Density Solubility	 Liquid No data available No data available No data available 6.45 Not applicable No data available
	0
. ale ignition temperature	

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Decomposition temperature Viscosity, kinematic Viscosity, dynamic Explosion limits Explosive properties Oxidizing properties No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information		
Likely routes of exposure	: Inhalation. Skin and eye contact.	
11.1. Information on toxicological	fects	
Product:		
Acute toxicity (oral)	: Not classified (Not to be expected)	
Acute toxicity (dermal)	: Not classified (Not to be expected)	
Acute toxicity (inhalation)	: Inhalation:dust,mist: Harmful if inhaled.	
Cortina Xtra		
ATE US (dust, mist)	3.979 mg/l/4h	

Component(s):

Prothioconazole (178928-70-6)		
LD50 oral rat ≥ 6200 mg/kg body weight (EPA OPPTS 870.1100)		
LD50 dermal rat	> 4000 mg/kg body weight (US EPA OPPTS 870.1200)	
LC50 Inhalation - Rat (Dust/Mist)	nhalation - Rat (Dust/Mist) ≥ 4.99 mg/l/4h (EPA OPPTS 870.1300)	
azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate (131860-33-8)		
D50 oral rat > 5000 mg/kg body weight (rat; US EPA OPPTS 870.1100)		



azoxystrobin (ISO), methyl (E)-2-{}{2-[6-((2-cyanophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate (131860-33-8)
LD50 dermal rat	> 2000 mg/kg body weight (rat; US EPA OPPTS 870.1200)
LC50 Inhalation - Rat (Dust/Mist)	0.698 – 0.962 mg/l/4h (rat; US EPA OPPTS 870.1300)
Skin corrosion/irritation	
Product:	: Not classified (Not to be expected)
Component(s):	
Prothioconazole (178928-70-6)	
Result, rabbit	Not irritating to skin F(EPA OPPTS 870.2400)
azoxystrobin (ISO), methyl (E)-2-{}{2-[6-((2-cyanophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate (131860-33-8)
Result, rabbit	Slightly irritating to the skin (US EPA OPPTS 870.2500)
Serious eye damage/irritation	
Product:	: Causes serious eye irritation.
Component(s):	
Prothioconazole (178928-70-6)	
Result, rabbit	Not irritating to eyes (EPA OPPTS 870.2500)
azoxystrobin (ISO), methyl (E)-2-{}{2-[6-((2-cyanophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate (131860-33-8)
Result, rabbit	Causes serious eye irritation (US EPA OPPTS 870.2400)
Bosnirstory or skin consitization	
<u>Respiratory or skin sensitization</u> Product:	: Not classified (Not to be expected)
Product: Respiratory sensitization	
Component(s): Respiratory sensitization	
Product: Skin sensitization	
Component(s): Skin sensitization	
Prothioconazole (178928-70-6)	
Result, Guinea pig	Not expected to be a skin sensitizer (EPA OPPTS 870.2600)
azoxystrobin (ISO), methyl (E)-2-{}{2-[6-((2-cyanophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate (131860-33-8)
Result, Guinea pig	Not expected to be a skin sensitizer (US EPA OPPTS 870.2600)
Germ cell mutagenicity	
Product:	: Not classified (Not to be expected)
Component(s):	
Prothioconazole (178928-70-6)	
Result, In vitro	Classification criteria are not met Expert judgment and weight of evidence determination
Result, In vivo	Classification criteria are not met Expert judgment and weight of evidence determination



Weight of evidence, In vitro	Classification criteria are not met Expert judgment and weight of evidence determination	
-		
Weight of evidence, In vivo	Classification criteria are not met Expert judgment and weight of evidence determination	
Carcinogenicity		
Product:	Not classified (Not to be expected)	
Component(s):		
Prothioconazole (178928-70-6)		
Not classified (Not to be expected)		
2-Yr Cancer Study, oral, rat & mouse (US EPA OPPTS 870.4200 & 870.4300	No evidence of excess carcinogenicity	
azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c	yanophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate (131860-33-8)	
Not classified (Not to be expected)		
NOAEL (chronic,oral,animal/male,2 years)	37.5 mg/kg body weight (mice; US EPA OPPTS 870.4200)	
NOAEL (chronic,oral,animal/female,2 years)	51.3 mg/kg body weight (mice; US EPA OPPTS 870.4200)	
2-Yr Cancer Study, oral, rat & mouse (US EPA OPPTS 870.4200)	No evidence of excess carcinogenicity	
	Not classified (Not to be expected)	
Prothioconazole (178928-70-6)		
Prothioconazole (178928-70-6) Not classified (Not to be expected)		
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence	No significant reproductive effects observed, No significant developmental effects observed.	
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c		
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c Not classified (Not to be expected)	No significant reproductive effects observed, No significant developmental effects observed. yanophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate (131860-33-8)	
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c Not classified (Not to be expected) LOAEL (animal/female, F0/P)	No significant reproductive effects observed, No significant developmental effects observed. yanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate (131860-33-8) 25 mg/kg body weight (rat; US EPA OPPTS 870.3700)	
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c Not classified (Not to be expected) LOAEL (animal/female, F0/P) NOAEL (animal/female, F0/P)	No significant reproductive effects observed, No significant developmental effects observed. yanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate (131860-33-8) 25 mg/kg body weight (rat; US EPA OPPTS 870.3700) < 25 mg/kg body weight (rat; US EPA OPPTS 870.3700)	
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c Not classified (Not to be expected) LOAEL (animal/female, F0/P) NOAEL (animal/female, F0/P) NOAEL (animal/male, F1)	No significant reproductive effects observed, No significant developmental effects observed. yanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate (131860-33-8) 25 mg/kg body weight (rat; US EPA OPPTS 870.3700) < 25 mg/kg body weight (rat; US EPA OPPTS 870.3700)	
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c Not classified (Not to be expected) LOAEL (animal/female, F0/P) NOAEL (animal/female, F0/P) NOAEL (animal/male, F1) NOAEL (animal/female, F1)	No significant reproductive effects observed, No significant developmental effects observed. yanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate (131860-33-8) 25 mg/kg body weight (rat; US EPA OPPTS 870.3700) < 25 mg/kg body weight (rat; US EPA OPPTS 870.3700)	
Not classified (Not to be expected) LOAEL (animal/female, F0/P) NOAEL (animal/female, F0/P) NOAEL (animal/male, F1) NOAEL (animal/female, F1) Result, oral, rabbit, rat Weight of evidence	No significant reproductive effects observed, No significant developmental effects observed. yanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate (131860-33-8) 25 mg/kg body weight (rat; US EPA OPPTS 870.3700) < 25 mg/kg body weight (rat; US EPA OPPTS 870.3700)	
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c) Not classified (Not to be expected) LOAEL (animal/female, F0/P) NOAEL (animal/female, F0/P) NOAEL (animal/female, F1) NOAEL (animal/female, F1) Result, oral, rabbit, rat Weight of evidence STOT-single exposure	No significant reproductive effects observed, No significant developmental effects observed. yanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate (131860-33-8) 25 mg/kg body weight (rat; US EPA OPPTS 870.3700) < 25 mg/kg body weight (rat; US EPA OPPTS 870.3700)	
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c Not classified (Not to be expected) LOAEL (animal/female, F0/P) NOAEL (animal/female, F0/P) NOAEL (animal/female, F1) NOAEL (animal/female, F1) Result, oral, rabbit, rat Weight of evidence STOT-single exposure	No significant reproductive effects observed, No significant developmental effects observed. yanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate (131860-33-8) 25 mg/kg body weight (rat; US EPA OPPTS 870.3700) < 25 mg/kg body weight (rat; US EPA OPPTS 870.3700)	
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c Not classified (Not to be expected) LOAEL (animal/female, F0/P) NOAEL (animal/female, F0/P) NOAEL (animal/female, F1) NOAEL (animal/female, F1) Result, oral, rabbit, rat Weight of evidence	No significant reproductive effects observed, No significant developmental effects observed. yanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate (131860-33-8) 25 mg/kg body weight (rat; US EPA OPPTS 870.3700) < 25 mg/kg body weight (rat; US EPA OPPTS 870.3700)	
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c Not classified (Not to be expected) LOAEL (animal/female, F0/P) NOAEL (animal/female, F0/P) NOAEL (animal/female, F1) NOAEL (animal/female, F1) Result, oral, rabbit, rat Weight of evidence STOT-single exposure Product: :::::::::::::::::::::::::::::::::::	No significant reproductive effects observed, No significant developmental effects observed yanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate (131860-33-8) 25 mg/kg body weight (rat; US EPA OPPTS 870.3700) < 25 mg/kg body weight (rat; US EPA OPPTS 870.3700)	
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c) Not classified (Not to be expected) LOAEL (animal/female, F0/P) NOAEL (animal/female, F0/P) NOAEL (animal/female, F1) NOAEL (animal/female, F1) Result, oral, rabbit, rat Weight of evidence STOT-single exposure Product:	No significant reproductive effects observed, No significant developmental effects observed. yanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate (131860-33-8) 25 mg/kg body weight (rat; US EPA OPPTS 870.3700) < 25 mg/kg body weight (rat; US EPA OPPTS 870.3700)	
Prothioconazole (178928-70-6) Not classified (Not to be expected) Result, oral, rat, rabbit Weight of evidence azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-c Not classified (Not to be expected) LOAEL (animal/female, F0/P) NOAEL (animal/female, F0/P) NOAEL (animal/female, F1) NOAEL (animal/female, F1) Result, oral, rabbit, rat Weight of evidence STOT-single exposure Product: :::::::::::::::::::::::::::::::::::	No significant reproductive effects observed, No significant developmental effects observed. yanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate (131860-33-8) 25 mg/kg body weight (rat; US EPA OPPTS 870.3700) < 25 mg/kg body weight (rat; US EPA OPPTS 870.3700)	



Prothioconazole (178928-70-6)		
Result, oral, rat US EPA OPPTS 870.4100a	No toxicological effects warranting significant target organ toxicity classification were seen below the recommended guidance values for classification	
azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2	2-cyanophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate (131860-33-8)	
Not classified (Not to be expected).		
LOAEL (oral,rat,90 days)	ays) 211 mg/kg bodyweight/day (US EPA OPPTS 870.3100)	
NOAEL (oral,rat,90 days)	20.4 mg/kg bodyweight/day (male/female; US EPA OPPTS 870.3100)	

Aspiration hazard

Product:

: Not classified (Not to be expected)

Component(s):

SECTION 12: Ecological information

12.1. Toxicity

Product:

Ecotoxicity

: Very toxic to aquatic life with long lasting effects.

Component(s):

Prothioconazole (178928-70-6)	
LC50 - Fish [1]	1.83 mg/l (US EPA OPPTS 850.1075)
EC50 - Crustacea [1]	0.06 mg/l (US EPA OPPTS 850.1010)
EC50 - Crustacea [2]	1.2 mg/l (US EPA OPPTS 850.1010)
EC50 72h - Algae [1]	0.021 mg/l (US EPA OPPTS 850.4500)
EC50 96h - Algae [1]	0.88 mg/l (US EPA OPPTS 850.4500)
azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-cya	nophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate (131860-33-8)
LC50 - Fish [1]	0.47 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	0.055 mg/l (EPA OPP 72-3, 96 h, Americamysis bahia, Static system, Experimental value, GLP)
ErC50 algae	0.146 mg/l (US EPA, 72 h, Navicula pelliculosa, Static system, Experimental value, GLP)

12.2. Persistence and degradability

Product:

Cortina Xtra	
Persistence and degradability	Not rapidly degradable

Component(s):

Prothioconazole (178928-70-6)	
Persistence and degradability	Not persistent.
azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate (131860-33-8)	
Persistence and degradability Not readily biodegradable in the soil, Not readily biodegradable in water.	



12.3. Bioaccumulative potential

Product:

No additional information available

Component(s):

azoxystrobin (ISO), methyl (E)-2-{}{2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl}}-3-methoxyacrylate (131860-33-8)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

Product:

No additional information available

Component(s):

No additional information available

12.5. Other adverse effects

Product: No additional information available

Component(s):

Additional information

No additional information available

SECTION 13: Disposal considerations		
13.1. Disposal methods		
Regional waste regulation	: Disposal must be done according to official regulations.	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.	
Sewage disposal recommendations	: Disposal must be done according to official regulations.	
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.	

: Do not re-use empty containers.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	ΙΑΤΑ
14.1. UN number		
Not regulated	3082	3082
14.2. Proper Shipping Name		
Not regulated	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (azoxystrobin (ISO); methyl (E)-2-{2-[6-(2- cyanophenoxy)pyrimidin-4-yloxy]phenyl}-3- methoxyacrylate ; Prothioconazole)	Environmentally hazardous substance, liquid, n.o.s. (azoxystrobin (ISO); methyl (E)-2-{2-[6-(2- cyanophenoxy)pyrimidin-4-yloxy]phenyl}-3- methoxyacrylate ; Prothioconazole)
14.3. Transport hazard class(es)	-	
Not regulated	9	9

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DOT	IMDG	ΙΑΤΑ
14.4. Packing group	·	
Not regulated	III	
14.5. Environmental hazards	<u>.</u>	
Not regulated	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
No supplementary information available	<u>.</u>	
14.6. Special precautions for user		
Special transport precautions	: Applies to ground shipments only. See IMDG	and IATA for vessel and air shipments.
DOT Not regulated		
IMDG		
Limited quantities (IMDG) Excepted quantities (IMDG)	: 5L : E1	
IATA PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA max net quantity (IATA)	: E1 : Y964 : 30kgG : 450L	

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Cortina Xtra	
SARA Section 311/312 Hazard Classes	Refer to SECTION 2 - HAZARDS IDENTIFICATION

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

sodium hydroxide, caustic soda (1310-73-2)	
CERCLA RQ	1000 lb



FIFRA Labelling		
EPA Registration Number	60063-93	
	invironmental Protection Agency and is subject to certain labeling requirements under federal fication criteria and hazard information required for safety data sheets, and for workplace labels formation as required on the pesticide label.	
FIFRA Signal Word	Caution	
FIFRA Human Health Hazards	Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with the skin, eyes, or clothing. Avoid breathing spray mists or vapors. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt and long pants, shoes plus socks, and appropriate chemical and/or water-resistant gloves. Human flagging is prohibited.	
FIFRA First Aid	IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice. IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
FIFRA Environmental Hazards	This product is toxic to freshwater and estuarine/marine fish and aquatic invertebrates, and freshwater/estuaries/marine aquatic plants. Azoxystrobin can be persistent for several months or longer. DO NOT discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. DO NOT discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or regional office of the EPA. For terrestrial uses DO NOT apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. DO NOT contaminate water when disposing of equipment washwater or rinsate. Ground Water Advisory Azoxystrobin (and a degradate of azoxystrobin) and degradates of prothioconazole are known to leach through soil into ground water if used in areas where soils are permeable, particularly where the water table is shallow. Surface Water Advisory This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours. Notify State and/or Federal authorities and Sipcam Agro USA, Inc. immediately if you observe any adverse environmental effects due to use of this product. DO NOT apply this product in a way that will contact workers or other persons, either directly or thr	

15.2. International regulations

No additional information available



15.3. US State regulations

No additional information available

SECTION 16: Other information

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

Full text of hazard classes and H-statements	
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist), Category 2
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist), Category 3
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA, SipCam

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.