



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)
Contains 500 g/kg Cyprodinil or 50% (w/w) Cyprodinil
- Other means of identification:**
Non-applicable
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses: Fungicide for agricultural use. For professional users only.
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
Ascenza Agro, SA
Avenida do Rio Tejo, Herdade das Praias
2910-440 Setúbal - Portugal - Setúbal
Phone: +351265710100 - Fax: +351265710105
agroseguranca@ascenza.com
http://www.ascenza.com
- 1.4 Emergency telephone number:** Toxicological information center - National Institute of Public Health, Bucharest, Tel: +40 21 318 36 06 (Monday-Friday, 8:00-15:00)

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) No 1272/2008:
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
Aquatic Acute 1: Hazardous to the aquatic environment, acute hazard, Category 1, H400
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard, Category 1, H410
- 2.2 Label elements:**
CLP Regulation (EC) No 1272/2008:
Warning

Hazard statements:
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements:
P102: Keep out of reach of children.
P270: Do not eat, drink or smoke when using the product.
P273: Avoid release to the environment.
P391: Collect spillage
P501: Dispose of the contents/container to the authorized waste recovers facility.
Supplementary information:
EUH208: Contains cyprodinil (ISO). May produce an allergic reaction.
EUH401: To avoid risks to human health and the environment, comply with the instructions for use.
Additional labeling:
SP1: Do not contaminate water with product or its container (do not clean application equipment near surface water/avoid contamination via drains from farmyards or roads).
SPe3: To protect aquatic organisms respect a vegetated unsprayed buffer zone of 20 m to surface water bodies.
- 2.3 Other hazards:**
Product fails to meet PBT/vPvB criteria
The product fails to meet the criteria due to its endocrine-disrupting properties.

- CONTINUED ON NEXT PAGE -



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Organic compounds

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS: 121552-61-2 EC: 601-785-8 Index: 612-242-00-X REACH: (i)	cyprodinil (ISO)⁽¹⁾	ATP ATP01	50 % (*)
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Sens. 1: H317 - Warning 	
CAS: 68425-94-5 EC: -- Index: -- REACH: (iii)	Alkylated naphthalene sulfonate sodium salt⁽¹⁾	Self-classified	10 - <25 %
	Regulation 1272/2008	Eye Irrit. 2: H319 - Warning 	
CAS: 1258274-08-6 EC: -- Index: -- REACH: 01-2119980591-31-XXXX	Aromatic hydrocarbons, C10-13, reaction products with branched nonene, sulfonated, sodium salts⁽¹⁾	Self-classified	2,5 - <10 %
	Regulation 1272/2008	Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger 	

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

(*) Equivalent to 500g/kg of Cyprodinil

- (i) Substance considered registered under Article 15 (1) of Regulation 1907/2006;
(ii) Substance considered as registered under Article 15 (2) of Regulation (EC) No 1907/2006;
(iii) Substance exempted from registration under Article 2 (9) of Regulation 1907/2006;
(iv) Substance exempt from registration under Article 2 (7) (a) of Regulation (EC) No 1907/2006;
(v) Substance exempted from registration under Article 6 (1) of Regulation (EC) No 1907/2006;
(vi) Substance exempted from registration under Article 2 (7) (b) of Regulation (EC) No 1907/2006;
(vii) Substance exempted from registration under Article 2 (7) (c) of Regulation (EC) No 1907/2006

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

Identification	M-factor	
cyprodinil (ISO)	Acute	10
CAS: 121552-61-2 EC: 601-785-8	Chronic	10

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

- CONTINUED ON NEXT PAGE -



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 4: FIRST AID MEASURES (continued)

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

(associated to active ingredients): **(Cyprodinil):** Ingestion - gastrointestinal disorder: nausea, vomiting, diarrhoea, abdominal ache. Inhalation – respiratory problems; increase in bronchial secretions. Contact – slight irritation of the eyes, skin and mucous; watering of eyes; conjunctivitis; contact dermatitis.

4.3 Indication of any immediate medical attention and special treatment needed:

Provide supportive care and symptomatic treatment. If swallowed induce vomiting or provide a gastric wash, avoiding aspiration or administer activated charcoal or saline laxative (type: sodium or magnesium sulphate or similar).

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...).

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

- CONTINUED ON NEXT PAGE -



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Preferably use aspiration for cleaning. Given the danger of the product by inhalation, any cleaning method that involves exposure to the product in this way (sweeping, etc.) is not recommended

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Store in a cool, dry, well-ventilated location

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

(Cyprodinil): ADI: 0.03 mg/kg b.w./day; AOEL: 0.03 mg/kg b.w./day

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Nuisance dust: Inhalable dust 10 mg/m³ // Respirable dust 4 mg/m³

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Aromatic hydrocarbons, C10-13, reaction products with branched nonene, sulfonated, sodium salts CAS: 1258274-08-6 EC: --	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Dermal	Non-applicable	Non-applicable	3 mg/kg	Non-applicable
	Inhalation	Non-applicable	10 mg/m ³	21,16 mg/m ³	10 mg/m ³

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Aromatic hydrocarbons, C10-13, reaction products with branched nonene, sulfonated, sodium salts CAS: 1258274-08-6 EC: --	Oral	Non-applicable	Non-applicable	2,143 mg/kg	Non-applicable
	Dermal	Non-applicable	Non-applicable	2,143 mg/kg	Non-applicable
	Inhalation	Non-applicable	Non-applicable	7,46 mg/m ³	Non-applicable

PNEC:

Identification					
Aromatic hydrocarbons, C10-13, reaction products with branched nonene, sulfonated, sodium salts CAS: 1258274-08-6 EC: --	STP	22 mg/L	Fresh water	0,138 mg/L	
	Soil	8,75 mg/kg	Marine water	0,0138 mg/L	
	Intermittent	0,357 mg/L	Sediment (Fresh water)	44,1 mg/kg	
	Oral	Non-applicable	Sediment (Marine water)	4,41 mg/kg	

- CONTINUED ON NEXT PAGE -



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Compulsory use of face mask	Disposable mask with P2 filter.		EN 149+A1	Replace when an increase in resistance to breathing is observed.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.11 mm)		EN ISO 374-1 EN 420+A1	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Ocular and facial protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.		EN 166	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
	Work clothing		EN ISO 13982-1 EN 1149 -5 EN ISO 13688	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended
	Anti-slip work shoes		EN ISO 20347 EN ISO 20345 EN 13832-3	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1	 Eyewash stations	DIN 12 899 ISO 3864-1

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

- CONTINUED ON NEXT PAGE -



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	0 % weight
V.O.C. density at 20 °C:	0 kg/m ³ (0 g/L)
Average carbon number:	Non-applicable
Average molecular weight:	Non-applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:

Physical state at 20 °C:	Solid
Appearance:	Granulated
Colour:	Brown
Odour:	Undefined
Odour threshold:	Not available

Volatility:

Boiling point at atmospheric pressure:	Non-applicable (the product is solid)
Vapour pressure at 20 °C:	Non-applicable (the product is solid)
Vapour pressure at 50 °C:	Non-applicable (the product is solid)
Evaporation rate at 20 °C:	Non-applicable (the product is solid)

Product description:

Density at 20 °C:	320 kg/m ³
Relative density at 20 °C:	0.49
Dynamic viscosity at 20 °C:	Non-applicable (the product is solid)
Kinematic viscosity at 20 °C:	Non-applicable (the product is solid)
Kinematic viscosity at 40 °C:	Non-applicable (the product is solid)
Concentration:	Not available
pH:	9.4
Vapour density at 20 °C:	Non-applicable (the product is solid)
Partition coefficient n-octanol/water 20 °C:	Not available
Solubility in water at 20 °C:	Not available
Solubility properties:	Not available
Decomposition temperature:	Not available
Melting point/freezing point:	Not available

Flammability:

Flash Point:	Non-applicable (the product is solid)
Flammability (solid, gas, liquid):	Not flammable
Autoignition temperature:	Non-applicable (the product is solid)
Lower flammability limit:	Non-applicable (the product is solid)
Upper flammability limit:	Non-applicable (the product is solid)

Explosive (Solid):

Lower explosive limit:	Not available
Upper explosive limit:	Not available

- CONTINUED ON NEXT PAGE -



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Particle characteristics:

Median equivalent diameter: Not available

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties: No explosive hazard (based on components)

Oxidising properties: No oxidising hazard (based on components)

Corrosive to metals: Not available

Heat of combustion: Not available

Aerosols-total percentage (by mass) of flammable components: Non-applicable (the product is solid)

Other safety characteristics:

Surface tension at 20 °C: Non-applicable (the product is solid)

Refraction index: Not available

As for the remaining characteristics, data is not presented because it is not available, in accordance with the registration studies and intrinsic characteristics of the products.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Not applicable	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.

- CONTINUED ON NEXT PAGE -



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
IARC: Non-applicable
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

Other information:

Acute effects (Formulated Product) (*):

Skin corrosion/ irritation: Not irritant (Rabbits)
Serious eye damage/irritation: Not irritant (Rabbits)
Respiratory sensitisation: No information available
Skin sensitisation: Not a sensitizer (Guinea pigs)

Chronic effects (Cyprodinil):

Mutagenicity: Not observed
Carcinogenicity: Not observed
Reproductive toxicity: Not observed
STOT- single exposure: Not demonstrated
STOT- repeated exposure: Not demonstrated
Aspiration hazard: No information available

(*) Based on available data, the classification criteria are not met.

- CONTINUED ON NEXT PAGE -



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
cyprodinil (ISO) CAS: 121552-61-2 EC: 601-785-8	LD50 oral	> 2000 mg/kg b.w.	Rats
	LD50 dermal	> 2000 mg/kg b.w.	Rats
	LC50 inhalation	> 1.2 mg/L of air (4h)	Rats
Alkylated naphthalene sulfonate sodium salt CAS: 68425-94-5 EC: --	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	Non-applicable	
Aromatic hydrocarbons, C10-13, reaction products with branched nonene, sulfonated, sodium salts CAS: 1258274-08-6 EC: --	LD50 oral	4470 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation	>5 mg/L (4 h)	

11.2 Information on other hazards:

Endocrine disrupting properties

The product fails to meet the criteria due to its endocrine-disrupting properties.

Other information

Non-applicable

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
cyprodinil (ISO) CAS: 121552-61-2 EC: 601-785-8	LC50	2.41 mg/L (96 h)	<i>Oncorhynchus mykiss</i>	Fish
		2.17 mg/L (96 h)	Bluegill sunfish	
	EC50	0.033 mg/L (48 h)	<i>Daphnia magna</i>	Crustacean
	EC50	2.6 mg/L (72 h)	<i>Pseudokirchneriella subcapitata</i>	Algae

Acute toxicity:

Aquatic invertebrates acute EC50 (48 h): 0.146 mg F.P./L (*Daphnia magna*)

Birds acute Oral LD50: > 500 mg/kg b.w. (Mallard ducks); > 200 mg/kg b.w. (Bobwhite quail) (**Cyprodinil**)

Bee oral LD50 (48 h): > 184.42 µg F.P./bee

Bee contact LD50 (48 h): > 200 µg F.P./bee

Aquatic plants CE50 (14 d): 7.71 mg/L (*Lemna gibba*) (**Cyprodinil**)

Chronic toxicity (Cyprodinil):

Fish chronic NOEC (21 d): 0.083 mg/L (Rainbow trout)

Aquatic invertebrates chronic NOEC (21 d): 0.0082 mg/L (*Daphnia magna*)

Algae chronic NOEC: NA

12.2 Persistence and degradability:

(Cyprodinil):

- Soil: Moderately persistent in soil. DT50 (typical): 37 d; DT50 (lab): 53 d; DT50 (field): 45 d.

- Water: Slow chemical degradation in water-sediment systems, DT50: 142 d. Moderately fast chemical degradation in water phase only, DT50: 12.5 d. Not readily biodegradable.

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
cyprodinil (ISO) CAS: 121552-61-2 EC: 601-785-8	BCF	393
	Pow Log	4 (pH 5, 7, 9, 25°C)
	Potential	High

12.4 Mobility in soil:

(Cyprodinil): Low mobility in soil.

- CONTINUED ON NEXT PAGE -



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 12: ECOLOGICAL INFORMATION (continued)

12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

The product fails to meet the criteria due to its endocrine-disrupting properties.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
02 01 08*	agrochemical waste containing hazardous substances	Dangerous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP13 Sensitising

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:



- 14.1 UN number or ID number:** UN3077
- 14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (cyprodinil (ISO))
- 14.3 Transport hazard class(es):** 9
- Labels:** 9
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** Yes
- 14.6 Special precautions for user**
- Special regulations: 274, 335, 375, 601
- Tunnel restriction code: (-)
- Physico-Chemical properties: see section 9
- Limited quantities: 5 kg
- 14.7 Maritime transport in bulk according to IMO instruments:** Non-applicable

- CONTINUED ON NEXT PAGE -



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 14: TRANSPORT INFORMATION (continued)

Transport of dangerous goods by sea:

With regard to IMDG 41-22:



- 14.1 UN number or ID number:** UN3077
14.2 UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (cyprodinil (ISO))
14.3 Transport hazard class(es): 9
Labels: 9
14.4 Packing group: III
14.5 Marine pollutant: Yes
14.6 Special precautions for user
Special regulations: 335, 966, 274, 967, 969
EmS Codes: F-A, S-F
Physico-Chemical properties: see section 9
Limited quantities: 5 kg
Segregation group: Non-applicable
14.7 Maritime transport in bulk according to IMO instruments: Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:



- 14.1 UN number or ID number:** UN3077
14.2 UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (cyprodinil (ISO))
14.3 Transport hazard class(es): 9
Labels: 9
14.4 Packing group: III
14.5 Environmental hazards: Yes
14.6 Special precautions for user
Physico-Chemical properties: see section 9
14.7 Maritime transport in bulk according to IMO instruments: Non-applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable
Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable
Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable
Article 95, REGULATION (EU) No 528/2012: Non-applicable
REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
E1	ENVIRONMENTAL HAZARDS	100	200

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

- CONTINUED ON NEXT PAGE -



TOP SEN EXTRA
Fungicide - Water Dispersible Granules (WG)

SECTION 15: REGULATORY INFORMATION (continued)

Other legislation:

The product could be affected by sectorial legislation

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products

Registration Certificate of plant protection products No 648PC of 24.11.2020.

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (2020/878/EU).

Texts of the legislative phrases mentioned in section 2:

H400: Very toxic to aquatic life.

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

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

Classification procedure:

Aquatic Acute 1: H400 - Based on test data

Aquatic Chronic 1: H410 - According to competent authority

Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

Other information:

Content review: The sections / sub sections marked with (➤) were changed with relevant information, from the previous version.

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The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -