



CHAMANE

Preparation Date 26-Mar-2014

Revision date 06-Dec-2017

Revision Number: 5

1. Identification of the substance/mixture and of the company/undertaking

1.1 Identification of the product

Product code FFC03
Product Description: CHAMANE
Synonyms Azoxystrobin 250 g/L SC
Pure substance/preparation Preparation

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use Fungicides

1.3 Details of the Supplier of the Safety Data Sheet

Supplier UPL Europe Ltd
The Centre
Birchwood Park
Warrington
WA3 6YN Cheshire
UK
Tel. : +44 (0) 1925 819999
Fax : +44 (0) 1925 856075
E-mail address info.uk@uniphos.com

1.4 Emergency Telephone Number

Emergency telephone number **(CARECHEM 24): +44 (0) 1235 239670**
United Kingdom NHS no. 111

2. Hazards Identification

2.1 Classification of the mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Environment

Acute aquatic toxicity Category 1 - H400

Chronic aquatic toxicity Category 1 - H410

For the full text of the H-Statements mentioned in this Section, see Section 16

2.2 Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]



Signal Word

WARNING

Hazard Statements

H410 - Very toxic to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P273 - Avoid release to the environment

P391 - Collect spillage

P501 - Dispose of contents/ container in accordance with national regulation

EU Specific Hazard Statements

EUH208 - Contains (1,2-Benzisothiazolin-3-one). May produce an allergic reaction

EUH401 - To avoid risks to human health and the environment, comply with the instructions for use

2.3 Other Hazards

No information available

3. Composition/information on Ingredients

3.2. MIXTURES

Chemical name	EC No	CAS-No	Weight %	Classification (Dir.67/548)	EU - GHS Substance Classification	REACH No.
Azoxystrobin	-	131860-33-8	20 - 30	-	Acute Tox. 3 (H331) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	no data available
A fatty alcohol polyglycol ether	-	68439-49-6	10 - 20	-	Eye Dam. 1 (H318) Acute Tox. 4 (H302) Aquatic Acute 1 (H400)	no data available
sodium alkylnaphthalene sulphonate, formaldehyde condensate	-	-	1 - 5	-	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	no data available
1,2-Benzisothiazolin-3-one	220-120-9	2634-33-5	< 1	-	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)	no data available

For the full text of the H-Statements mentioned in this Section, see Section 16

4. First aid measures

4.1 Description of first-aid measures

General advice	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes Seek immediate medical attention/advice
Skin contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes If symptoms persist, call a physician Take off contaminated clothing and wash before reuse
Ingestion	Call a POISON CENTER or doctor/physician if exposed or you feel unwell Do NOT induce vomiting
Inhalation	Move to fresh air Call a POISON CENTER or doctor if you feel unwell

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

No information available

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Carbon dioxide (CO ₂) Foam Dry powder
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire

5.2 Special hazards arising from the substance or mixture

Special Hazard	No information available
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5.3 Advice for Firefighters

In the event of fire, wear self contained breathing apparatus
This material is very toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas
Avoid contact with eyes
Use personal protective equipment

6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so
Do not allow material to contaminate ground water system
Do not flush into surface water or sanitary sewer system

6.3 Methods and material for containment and cleaning up

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container

7. Handling and Storage

7.1 Precautions for Safe Handling

Handling

Provide adequate ventilation
Do not cut grind or weld on or near containers - explosion hazard. - Bad translation
Ensure that eyewash stations and safety showers are close to the workstation location

Hygiene Measures

Use only outdoors or in a well-ventilated area
Wash hands thoroughly after handling
Remove contaminated clothing and protective equipment before entering eating areas

7.2 Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry and cool place
Keep out of the reach of children
Keep away from food, drink and animal feeding stuffs

7.3 Specific end uses

No information available.

8. Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Limits Apply technical measures to comply with the occupational exposure limits

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure Controls

Engineering controls Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye protection	Safety glasses with side-shields.
Skin protection	Long sleeved clothing.
Hand protection	Protective gloves.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

Environmental exposure controls No information available

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Yellowish white	
Physical state	suspension concentrate (SC)	
Odor	paint like	
<u>Property</u>	<u>VALUES</u>	<u>Remarks/ Method</u>
pH	6.9 - 7.4	(1 %)
Melting point/freezing point	No information available	
Boiling Point/Range	No information available	
Flash Point	99 °C	EEC A.9
Flammability (solid, gas)	Not applied	
Surface tension	44.1 mN/m	
Relative Density	1.106 g/l	
Water solubility	dispersible	
Solubility in Other Solvents	Acetonitrile Dichloromethane	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity	78 - 286 mPas	Dynamic viscosity
Oxidizing properties	Non oxidizing - (ECC A.21)	
Explosive properties	No explosion reaction when exposed to heat, mechanical shock or friction. - (EEC A.14)	

9.2 OTHER INFORMATION

VOC Content No information available

10. Stability and Reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition

10.5 Incompatible Materials

No materials to be especially mentioned

10.6 Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapours

11. Toxicological Information

11.1 Information on Toxicological Effects

Acute toxicity

Local effects

Inhalation

There is no data available for this product.

Eye contact

There is no data available for this product.

Skin contact

There is no data available for this product.

Ingestion

There is no data available for this product.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Azoxystrobin 131860-33-8	>5000 mg/kg	> 2000 mg/kg	0.69 mg/l

Chronic toxicity

Skin Corrosion/Irritation

No information available.

Sensitization

No information available.

Carcinogenic effects

No information available

Mutagenic effects

No information available

Reproductive effects

No information available

STOT - Single Exposure

No information available.

STOT - Repeated Exposure

No information available.

12. Ecological Information

12.1 Toxicity

Chemical name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Azoxystrobin	EC50 = 0.36 mg/l (Scenedesmus subspicatus)	LC50 = 0.47 mg/l (Onchorhynchus mykiss)		EC50 = 0.28 mg/l

12.2 Persistence and Degradability

No information available

12.3 Bioaccumulative Potential

No information available

Chemical name	Log Pow
1,2-Benzisothiazolin-3-one	1.3

12.4 Mobility in Soil

No information available.

12.5 Results of PBT and vPvB Assessment

No information available

12.6 Other Adverse Effects

No information available.

13. Disposal Considerations

13.1 Waste Treatment Methods

Waste from Residues/Unused Products	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken for local recycling, recovery or waste disposal.
EWC waste disposal No	020108 - agrochemical waste containing dangerous substances.
OTHER INFORMATION	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

14. Transport Information

ADR/RID

14.1 UN-No	UN3082
14.2 Proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (Azoxystrobin)
14.3 Hazard class	9
14.4 Packing group	III
14.5 Environmental Hazard	Yes
14.6 Special Provisions	274, 335, 375, 601

IMDG/IMO

14.1 UN-No	UN3082
14.2 Proper shipping name	Environmentally hazardous substance, liquid, n.o.s (Azoxystrobin)
14.3 Hazard class	9
14.4 Packing group	III
14.5 Environmental Hazard	Marine Pollutant
14.6 Special Provisions	274, 335, 969

IATA/ICAO

14.1 UN-No	UN3082
14.2 Proper shipping name	Environmentally hazardous substance, liquid, n.o.s (Azoxystrobin)
14.3 Hazard class	9
14.4 Packing group	III
14.5 Environmental Hazard	Yes
14.6 Special Provisions	A97, A158, A197

15. Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Registration n° MAPP 15922

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

International Inventories

TSCA	Present
EINECS/ ELINCS	Present
DSL/NDSL	Present
PICCS	Present
ENCS	Present
China	-
AICS	Present
KECL	Present

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 AICS - Australian Inventory of Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

16. Other Information**Full text of H-Statements referred to under sections 2 and 3**

H302 - Harmful if swallowed
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H331 - Toxic if inhaled
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Revision date 06-Dec-2017

Revision note Sections updated: 2, Classification according to Regulation (EC) No. 1272/2008 [CLP]

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information contained is based on our knowledge of the product at the date of publishing.
It applies to the PRODUCT AS SUCH. In case of formulation or mixture, make sure that a new danger will not appear.
Users are advised of possible additional hazards when the product is used in applications for which it was not intended.
This sheet shall only be used and duplicated for prevention and Safety purposes.
For rates and use recommendations, refer to the information displayed on the packaging.
It is the responsibility of the handlers of the product to pass on this safety data sheet to any subsequent persons who will come into contact with the product.

End of Safety Data Sheet