



# SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006, 1272/2008, 453/2010 & 830/2015

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

- 1.1 Product Identifier**  
GHS Product Identifier  
Chemical name
- Floozy  
Azoxystrobin 25% SC
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
- Identified use(s)  
Uses advised against
- Fungicide.  
Other than identified uses.
- 1.3 Details of the supplier of the Safety Data Sheet**  
Company Identification  
Address;  
71 - 73 Shelton Street  
Covent Garden  
WC2H 9JQ London  
United Kingdom  
T +44 (0)845 564 6959  
[sales@geminiag.com](mailto:sales@geminiag.com)  
[www.geminiag.com](http://www.geminiag.com)
- Gemini Agriculture Ltd
- 1.4 Emergency telephone number**  
Emergency Phone No. +44 (0)20 3011 5515

## 2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
- 2.1.1 Regulation (EC) No. 1272/2008 (CLP)**
- |                       |   |                   |      |
|-----------------------|---|-------------------|------|
| Physical hazards      | : | Not Classified    |      |
| Health hazards        | : | Acute Tox. 4      | H332 |
| Environmental hazards | : | Aquatic Acute 1   | H400 |
|                       |   | Aquatic Chronic 1 | H410 |
- 2.2 Label Elements**
- 2.2.1 Label Elements**
- According to Regulation (EC) No. 1272/2008 (CLP)
- GHS Product Identifier  
Azoxystrobin 25% SC
- Hazard Pictogram
- 

- Signal word(s)  
Warning
- Hazard Statement(s)  
H332 - Harmful if inhaled.  
H400 - Very toxic to aquatic life.  
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s)

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P273 - Avoid release to the environment.  
 P304+P340 - IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
 P391 - Collect spillage. Hazardous to the aquatic environment.

**2.3 Other Hazards**

EUH208: Contains 1,2-benzisothiazol-3-one.  
 May produce an allergic reaction.

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

**2.4 Additional Information**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

EC Classification No.1272/2008

**3.2 Mixtures**

EC Classification No.1272/2008

Hazardous Ingredients	%W/W	EC No.	CAS No.	Hazard Statements and Hazard Pictogram(s)
Azoxystrobin (ISO)	≥ 20 – < 25	603-524-3	131860-33-8	Acute Tox. 3, H331 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 GHS06 GHS09
1,2-Propanediol	< 10	200-338-0	57-55-6	Not Classified
C16-18 alcohols, ethoxylated	≥ 10 – < 20	500-212-8	68439-49-6	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 GHS05 GHS07
Naphthalenesulfonic acid, dimethyl-, polymer with formaldehyde and methylnaphthalenesulfonic acid, sodium salt	≥ 1 – < 10	618-665-6	9084-06-4	Skin Irrit. 2, H315 Eye Irrit. 2, H319 GHS07
1,2-benzisothiazol-3(2H)-one	< 0.05	220-120-9	2634-33-5	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 GHS05 GHS07 GHS09

**3.3 Additional Information**

For the full text of the H & P-Phrases see Section 16.

#### 4. SECTION 4: FIRST AID MEASURES



##### 4.1 Description of first aid measures

General	Consult a physician. Show this safety data sheet to the doctor in attendance.
Inhalation	Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a physician or poison control centre immediately.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.
Eyes	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.
Skin	Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.

**4.2 Most important symptoms and effects, both acute and delayed** No data available.

**4.3 Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

#### 5. SECTION 5: FIRE FIGHTING MEASURES

<b>5.1 Extinguishing Media</b> Suitable Extinguishing Media	Small Fires: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Large Fires: Alcohol-resistant foam or water spray.
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire.
<b>5.2 Special hazards arising from the substance or mixture</b>	As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health.
<b>5.3 Advice for fire-fighters</b>	A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Evacuate and limit access. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

# SAFETY DATA SHEET

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Refer to protective measures listed in sections 7 and 8.
- 6.2 Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.
- 6.3 Methods and materials for containment and cleaning up** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean contaminated surface thoroughly. Clean with detergents. Avoid solvents. Retain and dispose of contaminated wash water.
- 6.4 References to other sections** See Section 7 for information on safe handling. Wear protective clothing as described in Section 8. See Section 11 for additional information on Health Hazards. See Section 12 for additional information on Ecological Hazards. For disposal see section 13.

## 7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Ensure adequate ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust/fume/gas/vapours/spray. Avoid contact with skin and eyes.
- 7.2 Conditions for safe storage, including and incompatibilities** No special storage conditions required. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.
- 7.3 Specific end use(s)** See Section 1.2

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**  
Components with workplace control parameters

Substance	CAS No.	LEL (8h TWA mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )	Note
Propane-1,2-diol	57-55-6	10	-	GB EH40

- 8.2 Exposure controls/ engineering controls** Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. The extent of these protection measures depends on the actual risks in use. Maintain air concentrations below occupational exposure standards.

# SAFETY DATA SHEET

## 8.2.1 Personal protective equipment

### Protective Equipment

#### Eye/ Face Protection



Preferably wear a mask, a face screen or protective glasses.

#### Skin Protection



Wear suitable protective clothing and gloves.

#### Body Protection



Wear appropriate protective clothes, covering all parts of the body.

#### Respiratory Protection

When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

Suitable respiratory equipment: Respirator with combination filter for vapour/particulate (EN 141). The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.



#### Control of Environmental Exposure

Respect European and National Regulations in term of environment.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical Properties

Appearance	Liquid
Colour	Off-white to yellow-orange
Odour/Odour threshold	Odourless
pH value	6-8
Boiling point	No data available.
Melting point/freezing point	No data available.
Flash point	> 97°C (Pensky-Martens closed cup)
Auto-ignition temperature	475°C
Vapour pressure	No data available.
Relative density	No data available.
Solubility in water	No data available.
Solubility in organic solvents	No data available.
Surface tension	32.0 mN/m @ 20°C
Partition coefficient (Log Po/w)	No data available.
Viscosity	117 - 541 mPa.s @ 20°C 76.0 - 427 mPa.s @ 40°C
Dissociation constant	No data available.

### 9.2 Other information

No data available.

# SAFETY DATA SHEET

## 10. SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	None reasonably foreseeable.
10.2	Chemical stability	Physically and chemically stable for at least 2 years when stored in the original unopened sales container at ambient temperatures
10.3	Possibility of hazardous reactions	No hazardous reactions by normal handling and storage.
10.4	Conditions to avoid	No decomposition if used as directed.
10.5	Incompatible materials	No substances are known which lead to the formation of hazardous substances or thermal reactions.
10.6	Hazardous Decomposition Product(s)	None known.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
11.1.1	Substances	
	Acute toxicity	
	Ingestion	LD <sub>50</sub> : > 2000 mg/kg, Rat male and female
	Inhalation	LC <sub>50</sub> : 2.69 mg/l (4h)
	Dermal	LD <sub>50</sub> : > 2000 mg/kg, Rat male and female
	Skin Irritation	No skin irritation, Rabbit
	Eye Irritation	No eye irritation, Rabbit
	Respiratory or Skin Sensitisation	Did not cause sensitisation on laboratory animals.
	Germ Cell Mutagenicity	Not classified.
	Carcinogenicity	Not classified.
	Reproductive toxicity	Not classified.
	Specific Target Organ Toxicity – Single Exposure	Not classified.
	Specific Target Organ Toxicity – Repeated Exposure	Not classified.
	Aspiration Hazard	No data available.
11.2	Other Adverse Effects	No data available.

## 12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	
	Toxicity to fish	LC <sub>50</sub> : 1.2 mg/l (96h) Oncorhynchus mykiss (Rainbow Trout) LC <sub>50</sub> : 2.8 mg/l (96h) Cyprinus carpio (Carp)
	Toxicity to daphnia and other aquatic invertebrates	EC <sub>50</sub> : 0.83 mg/l (48h) Daphnia magna (Water flea)

# SAFETY DATA SHEET

Toxicity to algae	E <sub>r</sub> C <sub>50</sub> : 2.2 mg/l (72h) Pseudokirchneriella subcapitata (Green Algae)
Toxicity to bacteria	No data available.
<b>12.2 Persistence and degradability</b>	Not readily biodegradable.
<b>12.3 Bioaccumulative potential</b>	Does not bioaccumulate.
<b>12.4 Mobility in soil</b>	Degradation half life: 80 d. Not persistent in soil.
<b>12.5 Results of PBT and vPvB assessment</b>	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
<b>12.6 Other adverse effects</b>	No data available.

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product	Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated packaging	Empty remaining contents. Triple rinse containers. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.

## 14. SECTION 14: TRANSPORT INFORMATION

<b>14.1 UN number</b>	3082
<b>14.2 UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AZOXYSTROBIN)
<b>14.3 Transport hazard class(es)</b>	9
<b>14.4 Packaging group</b>	III
<b>14.5 Environmental hazards</b>	No.
<b>14.6 Special precautions for user</b>	No.

## 15. SECTION 15: REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
<b>15.2 Chemical Safety Assessment</b>	A Chemical Safety Assessment is not required for this product when it is used in the specified applications outlined in this SDS.

# SAFETY DATA SHEET

## 16. SECTION 16: OTHER INFORMATION

### Full text of H-Statements referred to under sections 2 and 3.

H332: Harmful if inhaled.

H400: Very toxic to aquatic life.

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

### Full text of P-phrases referred to under sections 2 and 3.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P304+P340: IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P391: Collect spillage. Hazardous to the aquatic environment.

P501: Dispose of contents/ container to an approved waste disposal plant.

### Abbreviations:

ADN	International Carriage of Dangerous Goods by Inland Waterways
ADR	Accord European sur le transport des marchandises Dangereuses par Route (European Agreement concerning the international Carriage of Dangerous goods by Road).
CAS	Chemical Abstract Service.
E <sub>b</sub> C <sub>x</sub>	Median effective concentration (biomass).
EC Number	European Community Number
E <sub>r</sub> C <sub>x</sub>	Median effective concentration (growth rate).
GHS	Globally Harmonized System of classification & labelling of chemicals.
GLP	Good Laboratory Practice
IATA	International Air Transport Association.
IC <sub>x</sub>	Concentration that produces x% inhibition.
IMDG	International Maritime code for Dangerous Goods.
INCI	International Nomenclature of Cosmetic Ingredients.
K <sub>OW</sub>	Distribution coefficient between n-octanol and water.
LC <sub>x</sub>	Concentration required to kill x% of the test organisms.
LD <sub>x</sub>	Dose required to kill x% of the test organisms.
LTEL	Long term exposure limit
NOEL	No observed effect level
PBT	Persistent, bioaccumulative and toxic
P <sub>OW</sub>	Same as K <sub>OW</sub> .
RID	International Carriage of Dangerous Goods by Rail.
SDS	Safety Data Sheet.
STEL	Short term exposure limit
STOT	Specific Target Organ Toxicity.
SVHC	Substance of very high concern
Trem Card	Transport Emergency Card.
TWA	Time weighted average
UN number	United Nations number
vPvB	Very persistent and very bioaccumulative

### Additional Information

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. The company gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. The company accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.