



# Material Safety Data Sheet

According to EC Regulation 1907/2006

Print date: 02-Aug-2012

Revision Number: 1

Revision date: 04-Jul-2012

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### Identification of the substance or preparation

MSDS Ref. No.: P11005  
Product name: Heritage

### Use of the Substance/Preparation

**Recommended use:** For use only as a horticultural fungicide.

### Company/Undertaking Identification

• Everris International BV  
Nijverheidsweg 1-5; 6422 PD Heerlen (NL)  
Tel: ++31 (0) 45-5609100; Fax: ++31 (0) 45-5609190

**Emergency telephone number:** ++44 (0) 1865 407333 (24h)

**Email** INFO-MSDS@EVERRIS.com

## 2. HAZARDS IDENTIFICATION

### Classification

#### Indication of danger:

N - Dangerous for the environment.  
The product is classified and labelled in accordance with Directive 1999/45/EC.  
To avoid risks to man and the environment, comply with the instructions for use.  
N - Dangerous for the environment

N



### Most important hazards

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 2. HAZARDS IDENTIFICATION

**S -phrase(s)**

S 2 - Keep out of the reach of children.

S13 - Keep away from food, drink and animal feedingstuffs.

S35 - This material and its container must be disposed of in a safe way.

S57 - Use appropriate container to avoid environmental contamination.

S20/21 - When using, do not eat, drink or smoke.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature of the preparation**

*NE = Non-Established*

***For the full text of the R phrases mentioned in this Section, see Section 16***

## 4. FIRST AID MEASURES

<b>General advice:</b>	If you feel unwell, seek medical advice (show the label where possible).
<b>Ingestion:</b>	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.
<b>Inhalation:</b>	Move person to fresh air. If not breathing, give artificial respiration. Call a physician or Poison Control Centre immediately.
<b>Skin contact:</b>	Remove and wash contaminated clothing before re-use.
<b>Eye contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Notes to physician:</b>	Artificial respiration and/or oxygen may be necessary

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Carbon dioxide (CO<sub>2</sub>). Foam. Powder. Water spray mist or foam.

**Unsuitable extinguishing media:**

High volume water jet

**Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:**

Danger of toxic gases in smoke. Dust may form explosive mixture in air.

**Special protective equipment for firefighters:**

In the event of fire, wear self-contained breathing apparatus.

**Specific methods:**

Cool containers / tanks with spray water. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## 6. ACCIDENTAL RELEASE MEASURES

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions:**

Wear personal protective equipment.

### **Environmental precautions:**

Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

### **Methods for cleaning up:**

Avoid dust formation. Shovel into suitable container for disposal.

## 7. HANDLING AND STORAGE

### **Handling:**

#### **Technical measures/precautions:**

Ensure adequate ventilation. Avoid dust formation. Keep away from source of ignition. .

#### **Safe handling advice:**

Avoid dust formation. Fine dust dispersed in air may ignite. When using do not smoke. Avoid contact with skin and eyes.

### **Storage:**

#### **Technical measures/storage conditions:**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.

#### **Incompatible products:**

No information available, None known

#### **Specific use(s):**

Fungicide.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Engineering measures to reduce exposure:**

Ensure adequate ventilation.

### **Occupational exposure controls**

#### **Personal protective equipment**

##### **Respiratory protection:**

In case of insufficient ventilation wear suitable respiratory equipment.

##### **Hand protection:**

Wear suitable gloves. Nitrile rubber.

##### **Eye/face protection**

Face-shield.

##### **Skin and body protection:**

Wear suitable protective clothing.

##### **Hygiene measures**

When using, do not eat, drink or smoke. Wash hands before stopping and immediately after handling. Remove and wash contaminated clothing before re-use.

#### **Exposure limit values**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **General Information**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
Color:	Light brown
Odor:	None

### Important Health Safety and Environmental Information

Boiling point/range:	Not applicable
Melting point/range:	Not applicable
Solubility:	Miscible
Vapour pressure	Not applicable
Vapour density	Not applicable
Explosive properties:	Dust may form explosive mixture in air
Flammability (solid, gas):	Non-flammable

### Other information

pH:	6.5
-----	-----

## 10. STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	None known.
Hazardous decomposition products	Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous reactions	None reasonably foreseeable

## 11. TOXICOLOGICAL INFORMATION

### Component information

### Product information

LC50/inhalation/4h/rat =	>4.67mg/l
LD50/dermal/rat =	>2000mg/kg
LD50/oral/rat =	>5000mg/kg

### Local effects

Skin effects:	May cause skin irritation in susceptible persons
Eye effects:	May cause eye irritation with susceptible persons
Inhalation:	No information available.
Ingestion:	No information available.

## 12. ECOLOGICAL INFORMATION

### Product information

<b>Aquatic toxicity:</b>	LC50/96h/rainbow trout = 1.1mg/l 2.4mg/l 1.8ug/l. LC50/96h/bluegill sunfish = 1.1mg/l 2.4mg/l 1.8ug/l. EC50/48h/daphnia = 1.1mg/l 2.4mg/l 1.8ug/l.
<b>Ecotoxicity</b>	No ecological information is known on the product
<b>Persistence and degradability</b>	No persistent or cumulative effects were observed
<b>Bioaccumulative potential</b>	Does not bioaccumulate
<b>Mobility in soil</b>	No information available

### Component information

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods:</b>	Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Dispose of in accordance with local regulations.
<b>Contaminated packaging:</b>	Do not re-use empty containers. In accordance with local and national regulations.

## 14. TRANSPORT INFORMATION

### Product information

<b>Physical State:</b>	Solid
<b>ADR/RID</b>	
<b>UN-No:</b>	3077
<b>Proper shipping name:</b>	Environmentally Hazardous Substance Solid N.O.S.(Azoxystrobin 50%)
<b>Hazard Class:</b>	9
<b>Packing group:</b>	III
<b>ADR - Tunnel Restriction Codes</b>	E

### IATA

<b>UN-No:</b>	3077
<b>Proper shipping name:</b>	Environmentally Hazardous Substance Solid N.O.S.(Azoxystrobin 50%)
<b>Hazard Class:</b>	9
<b>Packing group:</b>	III

### IMO / IMDG

<b>UN-No:</b>	3077
---------------	------

**14. TRANSPORT INFORMATION**

**Proper shipping name:** Environmentally Hazardous Substance Solid  
N.O.S.(Azoxystrobin)  
**Description:** Marine Pollutant  
**Hazard Class:** 9  
**Packing group:** III  
**EmS:** F-A / S-F

**15. REGULATORY INFORMATION****Indication of danger:**

N - Dangerous for the environment.

The product is classified and labelled in accordance with Directive 1999/45/EC.

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

**In accordance with local and national regulations**

**GefStoffV (DE):** Not applicable

**16. OTHER INFORMATION****Text of R Phrases mentioned in Section 3**

R23 - Toxic by inhalation.

R36/38 - Irritating to eyes and skin.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Reason for revision:** \*\*\* Indicates changes since the last revision. This version replaces all previous versions

**Revision date:** 04-Jul-2012

**Prepared by:** Regulatory Affairs Department.

This information contained herein is, to the best of Everris' knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and Everris shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, Everris shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product

**End of Safety Data Sheet**