

Renewal Assessment Report

under Regulation (EC) 1107/2009



Zoxamide

Volume 3

Zoxium 240 SC

B.4 Further Information

Rapporteur Member State: Latvia
Co-Rapporteur Member State: France

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B.4. FURTHER INFORMATION ON THE PLANT PROTECTION PRODUCT**B.4.1. Safety Intervals and Other Precautions to Protect Humans, Animals and the Environment****Pre-harvest interval (in days) for each relevant crop:**

Crop	Pre harvest interval (PHI) (days)
Table and wine grapes	28
Potatoes	7

Re-entry period (in days) for livestock, to areas to be grazed:

Not applicable. Neither grapes nor potatoes are intended to be grazed by livestock.

Re-entry period (in hours or days) for man to crops, buildings or spaces treated:

Under practical conditions of use, there is no reason for workers to enter the crop shortly after treatment. As a general rule, treated crops should not be entered until the spray solution has dried. Therefore no re-entry period is specified.

Withholding period (in days) for animal feeding stuffs:

Not applicable. Neither grapes nor potatoes are intended to be fed to livestock. Therefore, no withholding period is considered necessary.

Waiting period (in days) between application and handling of treated products:

With respect to harvest, the pre-harvest intervals specified above for each crop should be respected. For the purposes of crop inspection, as a general rule, treated crops should not be entered or handled until the spray solution has dried. Therefore no additional waiting periods are specified.

Waiting period (in days) between last application and sowing or planting succeeding crops:

It is not necessary to specify a waiting period between last application and sowing or planting of succeeding crops. Grape vines are regarded as permanent or semi-permanent crops and in addition, zoxamide has been shown to degrade rapidly in soil and in pre-emergence glasshouse screening tests, no unacceptable effects on a range of crop species were observed.

Information on specific conditions under which the preparation may or may not be used:

Zoxium 240 SC should be applied as a preventative treatment before disease has established. On the basis of the considerable amount of available efficacy data, it can be concluded that Zoxium 240SC can be considered as very safe for the main European varieties of grape vine and potatoes; and that there are no specific conditions under which the preparation may not be used.

B.4.2. Recommended methods and precautions**Hazard identification**

The product is not expected to produce any significant adverse health or

environmental effects when the recommended use instructions are followed.

Handling

Keep locked up and out of the reach of children.

Keep away from food, drink and animal feedingstuff.

When handling, do not eat, drink or smoke.

Wear suitable protective clothing (coveralls), suitable protective gloves and rubber boots when using low volumes in a knapsack sprayer or making cut stump treatments

Wash all protective clothing thoroughly after use, especially the insides of gloves.

Wash hands and exposed skin before meals and after work.

Wear suitable gloves and face protection (face shield) and mask when handling the concentrate.

Do not contaminate water with the product or its container [Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads].

Avoid release to the environment. Refer to special instructions/safety data sheets.

Warehouse storage

Store products only unopened, in original packaging, out of reach of children. Not to be stored in gangways or stair wells. Keep away from food, drink and animal feeding stuffs. Suitable material: HDPE. Protect from frost.

User level storage

Refer to the safety data sheet for ZOXIUM 240 SC (Revision date: 15.03.2013) provided in Document J.

Transport**Land transport**

ADR/RID: Class 9

UN No.: 3082

Packing group: III

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Zoxamide)

Sea transport

IMO/IMDG: Class 9

UN No.: 3082

Packing group: III

EMS: F-A, S-F

Marine pollutant: yes

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Zoxamide)

Air transport

ICAO/IATA: Class 9

UN No.3082

Packing group III

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Zoxamide)

Fire

Fight fire with CO₂ powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Protective equipment: No special measures required. For further information, please see safety data sheet for ZOXIUM 240 SC (Revision date: 15.03.2013) provided in Document J.

Nature of protective clothing proposed

Refer to the safety data sheet for ZOXIUM 240 SC (Revision date: 15.03.2013) provided in Document J.

Characteristics of protective clothing proposed

Refer to the safety data sheet for ZOXIUM 240 SC (Revision date: 15.03.2013) provided in Document J.

Suitability and effectiveness of protective clothing and equipment

The tests mentioned above provide enough information on the suitability of the protective clothing under realistic conditions of use.

B.4.3. Emergency Measures in the Case of an Accident

Containment of spillages

Refer to the safety data sheet for ZOXIUM 240 SC (Revision date: 15.03.2013) provided in Document J.

Stop leaks if this can be achieved without risk. Contain or absorb leaking liquid with sand or earth or other suitable material. Consult an expert. Prevent liquid entering water courses and sewers. If substance has entered a water course or sewer or has been spilled on soil or vegetation, advise police. Do not flush road with water.

Decontamination of areas, vehicles and buildings

Refer to the safety data sheet for ZOXIUM 240 SC provided in (Revision date: 15.03.2013) Document J.

Disposal of damaged packaging, adsorbents and other materials

Refer to the safety data sheet for ZOXIUM 240 SC provided in (Revision date: 15.03.2013) Document J.

Protection of emergency workers and bystanders

Refer to the safety data sheet for ZOXIUM 240 SC (Revision date: 15.03.2013) provided in Document J.

First aid measures

Refer to the safety data sheet for ZOXIUM 240 SC (Revision date: 15.03.2013) provided in Document J.

B.4.4. Packaging, Compatibility of the Plant Protection Product with Proposed Packaging Materials

Description and specification of the packaging

Zoxium 240 SC is presented in HDPE containers with capacities of 50 ml to 25 L. For details see the following table.

Container	Material	Length (mm)	Width (mm)	Height (mm)	Container neck diameter mm
50 ml	HDPE	--	40 Ø	83	DIN 26
100 ml		--	45 Ø	111 ± 0,5	DIN 25
250 ml		--	62,5 Ø	127 ± 1	DIN 50
500 ml		--	88,5 Ø	153,5 ± 1	DIN 50
1 L		--	88,5 ± 0,5 Ø	234 ± 1,5	DIN 50
2,5 L		88,5	190	260	DIN 63
5 L		135 ± 2	190 ± 2	306 ± 2	DIN 63
10 L		165 ± 3	230 ± 3	375 ± 3	DIN 63
25 L		295 ± 2	243 ± 2	459 ± 2	DIN 44

Suitability of the packaging and closures

The above mentioned packaging and closures (see IIIA 4.1.1) are suitable for containing, handling and transport of the suspension concentrate ZOXIUM 240 SC.

Resistance of the packaging material to its contents

High density polyethylene is known from experience to be very resistant to influences of chemicals. ZOXIUM 240 SC is a suspension concentrate (SC) and is not expected to react with the packaging materials (linerless cap and polyethylene container). The plant protection product does not contain any strong acidic, alkaline components or organic solvents and also its other physical and chemical properties do not give reason to expect particular problems. In a two year storage stability test using commercial containers, the packaging of the product remained free from any corrosion or degradation.

B.4.5. Procedures for the Destruction or Decontamination of the Plant Protection Product and its Packaging

B.4.5.1. Neutralisation procedures

Not applicable.

B.4.5.2. Controlled incineration

Since the halogen content of the active ingredient and the co-formulants are less than 60 %, combustion of Zoxium 240 SC in a waste incinerator plant does not raise concern about the formation of halogenated dibenzodioxins/-furans.

B.4.6. References relied on

No literature search has been performed.

No study provided.