

HELIOTERPEN® FILM

Sticker adjuvant of vegetable origin



Suitable for use in Organic Farming according to regulations (EU) n° 2018/848 and n° 2021/1165 ECOCERT inspection F-32800

FIRST AID MEASURES

GENERAL ADVICES

Move away from the danger zone. The victim should lie down in a resting position, covered and kept warm.

In case of inhalation: remove victim to fresh air. Keep the victim at rest and keep the victim warm. If the symptoms persist, consult a doctor.

In case of skin contact: wash with plenty of water and soap. If the problems persist, consult a doctor.

In case of contact with eyes: rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation develops and persists, consult a doctor.

Thanks to its formula based on pine terpene oligomers, HELIOTERPEN® FILM limits spray liquid losses through leaching and improves droplet retention. Its formulation based on a 100% vegetable adjuvant is selective towards crops and is perfectly suited to contact fungicides and insecticides.

- Reduction of leaching
- Improved retention
- Maintains product properties
- Slows down drop drying
- Improves penetration

RECOMMENDATIONS FOR USE

RESERVED FOR PROFESSIONAL USE ONLY

EXTEMPORANEOUS MIXTURES

HELIOTERPEN® FILM can be used in multiple mixtures* as long as the spray mixture contains at least one of its authorised uses (*in compliance with the "mixtures" decree). A compatibility test should be carried out prior to any new mixture.

PREPARATION OF THE SPRAY MIXTURE

Shake the preparation well before use. Fill the spray tank $\frac{3}{4}$ full of water. First pour the quantity of HELIOTERPEN® FILM into the tank while stirring. Then pour in the fungus or insecticide preparation while agitation is maintained. Then finish filling the tank with water to the required volume while maintaining agitation. Maintain agitation throughout the application and during transport.

REGULATORY IMPLEMENTATION AND PROPER PRACTICES

PRODUCT STORAGE

Store the product only in its original packaging, in a plant protection room that complies with the regulations in force, away from food or beverages, including those for animals. Keep out of the reach of children and unauthorised persons. After storage of the adjuvant preparation at low temperature, it is recommended to bring it to room temperature.

SPRAYER CLEANING AND TANK BOTTOM MANAGEMENT

At the end of the product application period, the entire apparatus (tank, boom, circuit, nozzles, etc.) must be rinsed with clean water. The rinsing of the sprayer, the spreading or emptying of the tank bottom and the disposal of effluents must be carried out in accordance with the regulations in force.

DISPOSAL OF THE PRODUCT AND PACKAGING

When using the product, carefully empty and rinse the can with clean water (manual rinsing 3 times while agitating the 1/3 full can or mechanical rinsing for a minimum of 1 minute), making sure to pour the rinsing water into the sprayer tank. Take the opened, rinsed and dripped containers to your ADIVALOR partner distributor.

For the elimination of non-usable products, keep the product in its original packaging. Ask your ADIVALOR partner distributor or call on a company authorised to collect and dispose of hazardous waste.

TABLE OF USES

HELIOTERPEN® FILM is an adjuvant for insecticide sprays on cereals, field vegetables, fruit crops, trees and shrubs and for fungicide sprays against leaf diseases on cereals, field vegetables, fruit crops and trees and shrubs.

Maximum use rates :

0.2 L/hL for high crops > 50 cm (fruit crops, trees and shrubs)

0.4 L/hL for low crops < 50 cm (field vegetables, cereals)

Maximum number of applications :

Fungicidal use: depending on the associated plant protection products

Insecticidal use: 1 to 8 applications

NTA: 5 metres and more depending on the associated plant protection products.

Application stage / Pre-harvest interval : depending on the associated plant protection products and under the conditions of use described for the adjuvant preparation.

ACTION PIN accepts no responsibility for the use of HELIOTERPEN® FILM for other purposes not indicated in this document.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wash your hands after any handling/using/intervening in a previously treated plot. Do not eat, drink, telephone or smoke while using the product.

To protect the operator and the worker, wear at least the PPE indicated in the following table in combination with the specific equipment recommended for the use of the associated plant protection product.

CHARACTERISTICS OF PPE	PROTECTION OF THE USER				
	MIXTURE / LOADING	APPLICATION WITH		CLEANING	PROTECTION OF THE WORKER
		TRACTOR WITH CAB	TRACTOR WITHOUT CAB		
NITRILE GLOVES CERTIFIED NF EN ISO 374-1/A1 reusable (EN 16523-1+A1 (type A)) single use (EN ISO 374-2 (types A, B or C))	✓ Reusable	✓ For single use only*	✓ For single use only	✓ Reusable	✓ Reusable **
PPE CLOTHING complies with the EN ISO 27065/A1	✓ PPE clothing AND partial PPE	✓	✓	✓ PPE clothing AND partial PPE	✓
PARTIAL PPE apron or long-sleeved gown category III type PB3 certified EN 14605+A1	✓			✓	
CHEMICAL PROTECTIVE SUIT category III type 3 or 4 certified EN 14605+A1:2009					
LENSES or FACE SCREEN certified EN 166:2002 (CE, mark 3)	✓		✓	✓	
RESPIRATORY PROTECTION Half mask (EN 140:1998) equipped with a P3 filter (EN 143:2006) or A2P3(EN 14387: 2008)					
BOOTS certified EN 13832-3:2006	✓	✓	✓	✓	

* When working on spraying equipment only. Gloves should only be worn outside the cab after use

** In case of contact with the treated crop

Return used personal protective equipment (PPE) in a translucent ECO EPI partner bag or contact a company that is qualified to collect and dispose of hazardous products.

COMPOSITION

910 g/l terpene oligomers (alpha-pinene and beta-pinene oligomers)

Emulsifiable concentrate **EC**

Adjuvant substance of **100%** vegetable origin

PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance : Clear, slightly viscous, light yellow liquid
 Odour : Pine (slight)
 pH at 20°C : 6
 Solubility in water : Emulsifiable

HOMOLOGATION

MA France : 2140022
 Use : Adjuvant for fungicidal and insecticidal sprays DRE: 24 hours
 DAR : depending on the associated plant protection products
 Aquatic ZNT : 5 meters. Respect the NTA of the associated plant protection products. Ecotoxicity: Not classified
 Fee on diffuse pollution : 0€/L

PACKAGING AND LOGISTICS DATA



CAN OF
10L



This pictogram indicates that the packaging of this product can be collected by the distributors partners of the ADIVALOR network

Article code : 3363
 Gencode : 3519220033639
 Recycling : ADIVALOR

LEGAL INFORMATION

ACTION PIN – ZI de Cazalieu – CS 60030 - 40260 CASTETS (FRANCE) – Tél : +335 58 55 07 00 – www.action-pin.fr.

HELIOTERPEN® FILM, MA No. 2140022. Composition : 910 g/l of terpene oligomers. For authorized uses, doses, conditions and restrictions of use : refer to the product label or consult the product sheet on www.helioterpen.fr. Dangerous, observe the precautions for use. Registration holder: ACTION PIN. HELIOTERPEN® FILM is a registered trademark of ACTION PIN.



CAUTION. EUH401 Follow instructions for use to avoid risks to humans and the environment. H315 Causes skin irritation.

Before any use, make sure that it is indispensable. Whenever possible, use alternative methods and products with the lowest risk to human and animal health and to the environment, in accordance with the principles of integrated protection, see : <http://agriculture.gouv.fr/ecophyto>

PRODUCT FOR PROFESSIONALS : USE PHYTOPHARMACEUTICAL PRODUCTS WITH CARE. BEFORE USE, READ THE LABEL AND PRODUCT INFORMATION.