

# NU-FILM® 17

## NON-IONIC EXTENDER STICKER-SPREADER

An Extender Sticker-Spreader agent designed to prolong the effective lifespan of Insecticides, Fungicides, and Foliar fertilizers.

### ALLOW THE FOLLOWING NUMBER OF DAYS BETWEEN LAST APPLICATION AND HARVEST:

All crops..... 30 days

**RE-ENTRY INTERVAL:** Do not enter treated area, until spray deposit has dried unless wearing protective clothing.

### DISCLAIMER

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label as well as by the method, time, and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

### PRECAUTIONS

- Observe warnings that apply to the product with which it is to be used.
- Wear safety glasses with side shields (or goggles) and suitable protective clothing. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn
- Rinse tank, lines, and nozzles, immediately after use, with water.
- Prevent contamination of food, drinking water and eating utensils.

Rinse empty container three times with a volume of water equal to a minimum of 30 % of that of the container and add rinsings to the contents of the spray tank before disposing of the container. Destroy the empty container by perforation and dispose of it in a safe manner. Do not use for any other purpose. The triple-rinsed container may be sent to an approved recycling facility for processing.

### RELEVANT SUBSTANCES

Hazardous Component - Chemical Name	CAS NO.	Weight (%)	GHS Classification
Non-hazardous Mixture (This product has been tested as a whole to determine its Hazard)	-	100	None

# NU-FILM® 17

Reg. No. L2981 of Act No. 36 of 1947



**READ THE LABEL AND ATTACHED PACKAGED LEAFLET BEFORE USE  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

## NON-IONIC STICKER-SPREADER

An Extender Sticker-Spreader agent designed to prolong the effective lifespan of Insecticides, Fungicides, and Foliar fertilizers.

**ACTIVE INGREDIENT:** Di-1-p-Menthene.....905 g/L

# ADJUVANTAGE®

**NOT CLASSIFIED AS HAZARDOUS UNDER GHS**

This product has been tested as a whole to determine its hazard.

### PRECAUTIONARY STATEMENTS:

- If medical advice is needed, have product container or label at hand.
- Wear protective clothing.
- Wash hands and face thoroughly after handling.

**Registered and distributed by:** **HYGROTECH** PROPERTIES (PTY) LTD/ EDMS BPK | Reg. No. 1984/00638/07

1 Gerard Braak Street, Pyramid, 0120 | PO Box 17220, Pretoria North, 0116, South Africa  
Tel: (012) 545 8000 • Fax: (012) 545 8088

Manufactured by: MILLER CHEMICAL & FERTILIZER, LLC  
P.O. Box 333 | 120 Radio Road | Hanover | PA 17331 | USA



UN No. None

Griffon Poison Information Centre: 082 446 8946

## FIRST AID

Treatment should be symptomatic and supportive.

**IF ON SKIN:** Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and wash before reuse. Get medical attention.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

**INGESTION:** DO NOT INDUCE VOMITING. If vomiting occurs naturally, reduce the risk of aspiration by leaning their body forward. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention

**INHALATION:** Remove to fresh air. If breathing has stopped, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

## USE RESTRICTIONS

Do not apply less than one hour before anticipated rain. The film requires one hour to set completely.

**NU-FILM®17** is not recommended for use with herbicides.

## GENERAL INFORMATION

**NU-FILM 17®** forms a sticky elastic film which holds the pesticide on the crop foliage. This protective film may reduce the effects of environmental degrading factors, which increases the effectiveness of pesticide sprays. The protective film breaks down layer by layer over a period of time. The time required for full breakdown depends on dosage rate and environmental conditions.

**NU-FILM®17** will not foam, freeze, or clog nozzles. It has been proven effective when applied by any aircraft or ground sprayer. It improves the initial pesticide deposit and allows excellent distribution of aircraft and concentrated sprayer deposits, to give complete coverage

**NU-FILM®17** prevents the loss by rainfall, overhead irrigation, and wind erosion of pesticides from the leaf surfaces. The film can withstand about 25 mm of rain for a period of 18 to 28 days. Pesticide volatilisation is minimised by the protective film. Loss of pesticide deposit by the abrasive activity of leaves rubbing together is also prevented.

**NU-FILM®17** is compatible with most insecticides, fungicides, and foliar fertilizers.

## DIRECTIONS FOR USE: USE ONLY AS DIRECTED

PURPOSE	DOSAGE	REMARKS
<b>AS A STICKER:</b> To control the lifespan of the pesticide by forming a sticky elastic film that encapsulates and holds the pesticide on the crop foliage	300-500 ml/ha	Up to the normal pesticide cut-off time.

PURPOSE	DOSAGE	REMARKS
<b>AS A SPREADER:</b> Helps the pesticide spray spread out uniformly on hairy or waxy plant parts to get into cracks and crevices.	300-500 ml/ha	Up to the normal pesticide cut-off time.
<b>AS AN EXTENDER:</b> To extend the time between spraying of some pesticides.	<b>Limited extender:</b> 600 ml/ha	<b>DO NOT APPLY NU-FILM 17 AS AN EXTENDER WITHIN 30 DAYS OF HARVEST OF FOOD CROPS UNLESS UNDER SPECIFIC APPLICATIONS.</b>
	<b>Full extender:</b> 1.2 L/ha	<b>Specific applications caution:</b> The use of <b>NU-FILM®17</b> on tolerance exempt pesticides close to harvest may result in visible residues on crops that may render them unsaleable. If this becomes a problem, do not use <b>NU-FILM®17</b> .

To convert rates per hectare to rates per 100 L of water - use the following equation:

$$\text{ml of NU-FILM®17 per 100 L of water} = \frac{\text{NU-FILM®17 Rate per Hectare required (ml/ha)} \times 100}{\text{Water rate applied (L/ha)}}$$

e.g. **NU-FILM®17** as a sticker @ 500 ml/ha with 1000 L of water applied per hectare.

$$\frac{500 \times 100}{1000} = 50 \text{ ml of NU-FILM®17 per 100 L of tank mix.}$$

Add **NU-FILM®17** to spray tank as it is filling while agitating. To ensure good emulsification of this product, it is advisable to pre-mix **NU-FILM®17** with water before adding to the spray tank. Add **NU-FILM®17** to the spray tank as the last ingredient with vigorous stirring. Rinse tank, lines, and nozzles, immediately after spraying, with water. After rinsing, there may still be a small amount of sticky residue in the tank. This will help to prevent rusting and corrosion. It will not clog nozzles when sprayer is used again. If spray happens to land on undesired surfaces, such as windows, cars, application equipment or others, it can be removed with soap and water, before the spray deposit is dry or with premium grade or white kerosene after the film has dried or set.

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**Manufactured by:**

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**HYGROTECH**  
SUSTAINABLE SOLUTIONS

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140(H) x 130(W) mm **CYAN MAG YEL BLK**

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