



# Nu-Film<sup>®</sup> 17

Sticker / Extender / Deposition Aid / Surfactant

**\*PRINCIPAL FUNCTIONING AGENTS:**

Pinene (Diterpene) Polymers, petrolatum, tallow alkyl amines ethoxylated .....100%

\*The amount of principal functioning agent in the formulation does not determine the activity. Activity is governed by the type of film which is formed. [The main principal functioning agent in this product is Pinolene<sup>®</sup>, a terpenic polymer].

Proprietary Protected Technology

WA Reg. No. 90930-17001

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks as needed.

**FIRST AID**

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

**STORAGE AND DISPOSAL**

Keep in original container. Store above 32°F. For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC (800) 424-9300.

**CONTAINER DISPOSAL**

Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

**KEEP OUT OF REACH OF CHILDREN**

**Manufactured by**

**MILLER CHEMICAL & FERTILIZER, LLC**  
**P.O. Box 333, Hanover, Pennsylvania 17331, U.S.A.**

**Net Contents: 2 1/2 GALLONS LIQUID**

## GENERAL INFORMATION

**MILLER NU FILM 17** is a superior STICKING-EXTENDING/DEPOSITIONING AID adjuvant with non-ionic properties designed to increase the effective life of an agrichemical after application.

**MILLER NU FILM 17** forms a soft, elastic film through polymerization which encapsulates and tenaciously holds the pesticide on the crop foliage. This protective film greatly reduces the effects of environmental degrading factors, which reduce the effectiveness of pesticides sprays. **MILLER NU FILM 17** improves the initial deposit and allows excellent re-distribution of aircraft and concentrate sprayer deposits, to give complete coverage.

**MILLER NU FILM 17** reduces pesticide loss from rainfall, wind erosion, heat and ultra-violet radiation. Pesticide volatilization is minimized by the protective film in addition to loss of pesticide deposits due to abrasive activity of leaves rubbing together. Under most conditions, apply sprays containing **MILLER NU FILM 17** at least one hour, during daylight, before an anticipated rain. Sunlight, direct or indirect, for this time period is needed for the film to set.

## DIRECTIONS FOR USE

**MILLER NU FILM 17** may be used with products registered for: Agricultural, Forestry, Ornamental, Industrial Vegetation, Turf and Non-Cropland uses.

**MILLER NU FILM 17** may be applied by ground, aerial or center pivot irrigation equipment.

To extend the activity and increase the efficiency of insecticidal and fungicidal sprays on all crops use 1 pint of **MILLER NU FILM 17** per acre when applied by ground, air or through pivot irrigation. For hydraulic gun or air blast tree sprayers, used for spray applications to shade, fruit and nut trees, apply 6 to 8 ozs. of **MILLER NU FILM 17** per 100 gal. when applied dilute. For dilute citrus sprays, where the total spray volume is 1,000 to 1,500 gals. per acre, use 2 pints of **MILLER NU FILM 17** per 500 gals. of spray mix. For concentrate sprays, where the total spray volume is approximately 100 gals. or less per acre, use 1 pint of **MILLER NU FILM 17** per acre. For use with foliar nutrients and plant growth regulators apply 4 to 6 ozs. per acre. For use in vegetable, cotton and row crop programs, use at the rate of 4 ozs. to 1 pint per acre. At the 4 oz. rate, **MILLER NU FILM 17** acts as an excellent sticker but will not act as an extender. At the rate of 8 ozs. per acre, **MILLER NU FILM 17** will give limited extension of most insecticides and fungicides. **MILLER NU FILM 17** may improve plant photosynthesis and does not disrupt the plant cuticle.

Do not use the extender rate of **MILLER NU FILM 17** on food crops within 30 days of harvest except as follows: **MILLER NU FILM 17** can be used with copper fungicides, Bacillus thuringiensis products and other tolerance exempt pesticides on food crops up to harvest. CAUTION-Use of **MILLER NU FILM 17** with tolerance exempt pesticides close to harvest may result in visible residue on crops which may render the crops unsaleable. If this is a potential problem the sticker rate of **MILLER NU FILM 17** should be used or **MILLER NU FILM 17** should not be used close to harvest. No limitations on non-food crops.

## MIXING

**Do not mix with hot water (above 100° F).** Prior to any pesticide application all spray mixing and application equipment must be cleaned. Fill spray tank half full of water and begin agitation. Add pesticides as directed by label or in the following sequence:

1. Dry flowables, water dispersible granules or soluble fertilizers
2. Wettable Powders
3. Flowables
4. Emulsifiable Concentrates
5. Add **MILLER NU FILM 17** last and continue agitation.

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 next used. 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. To remove dried deposits from painted car surfaces, use standard tar remover products designed for use on painted car finishes.

**PHYTOTOXICITY PRECAUTION:** Under some environmental conditions, some pesticides or pesticide combinations may cause phytotoxicity on growing plants. Adjuvant products such as this product may increase the chance or the intensity of phytotoxicity. Use this product in a manner consistent with individual pesticide product recommendations.

**ENVIRONMENTAL HAZARDS:** This product is not for aquatic use. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

Use this product in accordance with good agronomic practices, which include utilizing proven spray equipment set for proper coverage. Do not make applications when temperatures are too hot. Applications should be made at temperature levels and when other environmental conditions in your area are such that your experience indicates the application will be compatible and will accomplish the desired result.

**LIMITED WARRANTY:** The use of this material being beyond our control and involving elements of risk to human beings, animals, and vegetation, we do not make any warranty, express or implied, as to the effects of such use, when this product is not used in accordance with the directions as stated on this label. Failure to follow directions for use on this label may result in poor pest control, crop injury, or illegal residues. Miller Chemical & Fertilizer, LLC warrants that the product conforms to specification on the label and is reasonably fit for the intended purpose referred to on this label. Miller Chemical & Fertilizer, LLC makes no other express or implied warranty.

PA Right-To-Know: This product contains proprietary ingredient(s). This product is intellectual property of Miller Chemical & Fertilizer, LLC.

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