

# MILLER<sup>®</sup>

# MIST-CONTROL<sup>®</sup>

**DRIFT RETARDENT AND DEPOSITION AID FOR PESTICIDE SPRAYS**

Active Ingredient: Polyvinyl polymer

## GENERAL INSTRUCTIONS

MIST-CONTROL is an effective, easy to use product for drift retardation and deposition improvement in spraying operations. When used in accordance with label instructions and applied with sound technology, MIST-CONTROL will effectively improve deposition within the intended swath area. MIST-CONTROL will reduce, but not completely eliminate, all spray mist responsible for drift when used as a deposition aid.

**5 / 20 Litres**

Manufactured by: **Miller Chemical & Fertilizer Corporation**  
Hanover, Pennsylvania, 17331, USA.

Distributed in Australia by



**Agspec Australia Pty Ltd**  
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## DIRECTIONS FOR USE

### GROUND APPLICATION

Spray Pressure	Nozzle orientation	Rate per 100 L
Low (below 30 psi or 2 bar or 200Kpa)	Flat fan, Flood	250 to 750 mL
	Off centre	500 to 750 mL
Medium (30 - 50 psi or 2-3.4 bar or 210-340 Kpa)	Flat fan, Flood	500 to 750 L
	Off centre	500 mL to 1 L
	Spray guns	750 mL to 1 L

### AERIAL APPLICATION:

Spray Pressure	Nozzle orientation	Rate per 100 L
Below 45 psi or 3.1 bar or 310 Kpa	Straight beck	500 mL to 1 L
	45° Angle back	1 L

### GENERAL INSTRUCTIONS

The degree of drift hazard varies with the type of pesticide, application conditions and vegetation near the sprayed area. Remember, pesticide drift is no accident. Common sense and sound application technology must be followed when spraying pesticides. MIST CONTROL will retard, but not totally eliminate drift. Drift minimisation is the responsibility of the applicator. The following is a summary of recommended procedures for reducing spray drift damage that should always be followed. Most important though, if there is any element of doubt about an application that might result in harmful drift, wait until the element of doubt is removed, or do not make the application.

#### Summary of Recommended Procedures For Reducing Drift Damage (Drift minimisation is the responsibility of the applicator)

Recommended Procedure	Example	Explanation
Select nozzle type that produces droplets	Raindrop, low-pressure flat fan, flooding.	Use as large droplets as practical to provide coverage.
Use lower end of pressure	Use 20 to 40 psi (1.4 to 2.8 bar or 140-275 Kpa) for Raindrop. Less than 25 psi (1.7 bar or 175 Kpa) for other nozzle types.	Higher pressures generate many more small droplets (less than 100 microns).
Lower boom height.	Use as low boom height as possible to maintain uniform distribution.	Wind speed increases with height. A few centimetres lower boom height can reduce off-target drift.
Increase spray volume	If normal application is 60 to 80 L/ha, increase to 100 to 120 L/ha.	Larger capacity nozzles will reduce spray depositing off-target.
Spray when wind speeds are less than 16 kmph and moving away from sensitive plants	Leave a buffer zone if sensitive plants are downwind. Spray buffer zone when wind changes.	More of the spray volume will move off-target as wind increases.
Do not spray when air is completely calm or an inversion exists	Inversions generally occur in early morning or near bodies of water.	Calm air or inversions reduce air mixing and spray can move slowly downwind.

## **MIXING INSTRUCTIONS:**

**IMPORTANT:** Keep container closed in storage and do not allow water to come in contact with contents until added to the spray solution.

Step 1: Select correct dosage from chart below.

Step 2: Fill mix tank with water and agitate.

Step 3: Always add wettable powder pesticides before MIST-CONTROL and liquid pesticides after MIST-CONTROL. Be sure that wettable powders are completely dispersed before adding MIST-CONTROL. Pour the correct amount of MIST CONTROL slowly into the tank during tank filling. SPRAY-AIDE may be added to the spray tank before MIST-CONTROL if water acidification is needed. Spray tank pH should be lower than pH 11 for MIST-CONTROL maximum efficiency.

Step 4: If additional spray tank additives are used, such as NU-FILM<sup>®</sup>-17, NU-FILM<sup>®</sup>-P or FOAM FIGHTER<sup>®</sup>, they should be added after MIST CONTROL.

Step 5: Continue to agitate tank mix for at least 2 minutes before spraying.

**NOTE:** If too much MIST-CONTROL is added, resulting in the tank mix becoming thick, the viscosity can be reduced by adding 120 to 240 grams of table salt (sodium chloride) per 100 litres of spray mix.

## **STORAGE AND DISPOSAL:**

**KEEP OUT OF REACH OF CHILDREN.** Store in the closed, original container in a safe, well-ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Avoid contact with high temperatures and moisture.

Rinse containers before disposal. Add rinsings to tank mix or dispose of rinsate in a disposal pit. This pit must be away from aquatic areas and in a suitable area specifically marked and set up for the purpose.

Destroy empty containers by breaking or puncturing them. Dispose of the containers at a local authority landfill that does not burn its refuse. If there is no local authority landfill readily available in your area, bury the containers at a depth of 500 mm or more at an approved disposal site. Do not burn empty containers of product.

## **FIRST AID**

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131126.

**WARRANTY:** AGSPEC warrants that this product when used as directed and in accordance with sound agricultural practices will retard drift and improve deposition in spraying operations which utilize water based and water emulsifiable solutions.

### **AGSPEC MAKES NO WARRANTY OF FITNESS OR MERCHANTABILITY.**

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.

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.