

# MIST-CONTROL

## DRIFT RETARDENT AND DEPOSITION AID FOR AGRICULTURAL REMEDIES

### ACTIVE INGREDIENT

Polyvinyl polymer.....20g/L

Reg. No. L4567

Act 36/1947

### WARNINGS

- Keep out of reach of children.
- May cause irritation to skin and eyes.
- Store away from food and feedstuffs.

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 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

- Keep container closed in storage and do not allow water to come into contact with contents until added to spray solution.
- In case of contact with skin or eyes, flush immediately with water.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Do not re-use the container for any other purpose.
- Follow the precautions on the label of the remedy with which Mist-Control is mixed.

### GENERAL INFORMATION

Mist-Control will retard drift and aid deposition in spraying operations. Mist-Control will improve deposition within the target spray area and will reduce drift or spray mixture when used as directed. The degree of drift hazard varies with the type of remedy used, climatic conditions and vegetation near the target area. Remember, drift is no accident. Drift minimisation is the responsibility of the applicator. Most important though, if there is any doubt about an application that might result in harmful drift, wait until the element of doubt is removed or do not make the application.

### DIRECTIONS FOR USE

- Select correct dosage from the following provided chart.

SPRAY PRESSURE	NOZZLE ORIENTATION	DOSAGE PER 100L
Ground applications Low (below 30 psi or 2 bar)	Flat Fan:	250 ml
	Flood:	250 ml
	Off-centre:	500 ml
Medium (30 - 50 psi or 2 - 3.4 bar)	Flat Fan:	500 ml
	Flood:	500 ml
	Off-centre:	500 ml
	Spray guns:	750 ml

SPRAY PRESSURE	NOZZLE ORIENTATION	DOSAGE PER 100L
Aerial applications (below 40 psi or 3.1 bar)	Straight back: 45° Angle back:	500 ml 1 L

### RECOMMENDED PROCEDURES FOR REDUCING DRIFT DAMAGE

Recommended procedures	Example	Explanation
Select correct nozzle type	Raindrop, low pressure, Flat fan, flooding.	Use as large droplets practical to provide coverage necessary.
Use lower end of pressure	Use 150 – 250 kPa for raindrop. Less than 200 kPa for other nozzle types.	Higher pressures generate more small droplets, less than 100 microns VMD.
Lower boom height	Use as low a boom height as possible to maintain distribution.	Wind speed increases with height. A few cm lower boom height can reduce drift.
Increase spray volume	If normal volume 60 – 80 L/ha, increase to 100 – 120 L/ha.	Larger capacity nozzles will reduce spray depositing off-target.
Spray when wind speeds are less than 5km/h and moving away from sensitive plants.	Leave 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 the air is completely calm or an inversion occurs.	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

- Fill mix tank with water and agitate.
- Always add wettable powder formulations before Mist-Control is added to the spray tank. Be sure that wettable powders are completely dispersed before adding Mist-Control. Pour the correct volume of Mist-Control slowly into the most turbulent area in the tank or on the surface during tank filling. Hygrobuff 4 and Surebuff may be added to the spray tank before Mist-Control if pH adjusting of water is needed.
- If additional spray tank additives are used, such as Nu-Film P (L2980) or Nu-Film 17 (L2981), these should be added to the spray tank before Mist-Control had been added.
- Continue to agitate the tank mixture for at least two minutes before spraying commences.
- If too much Mist-Control is added, resulting in the tank mix becoming thick, the viscosity can be reduced by adding 120 – 240g of table salt per 100 litres of spray mixture.

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Miller Chemical & Fertilizer CO., USA

Registered and Distributed by:

**HYGROTECH**

HYGROTECH PROPERTIES

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