

MIST-CONTROL®

For full particulars see inclosed leaflet

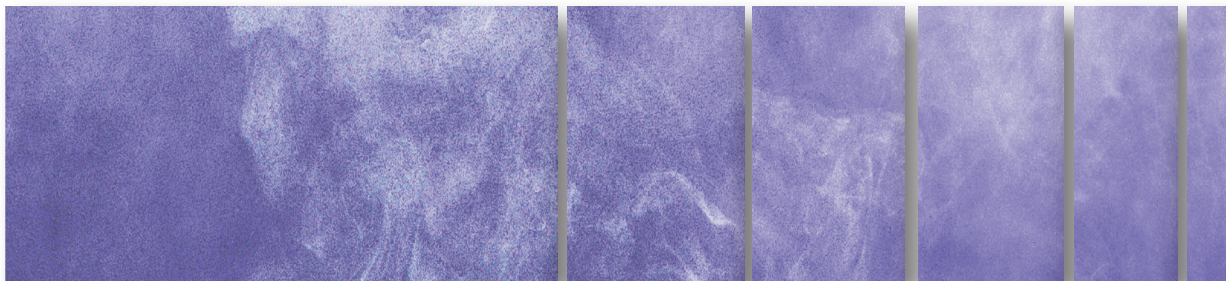
Reg. No. L4567

Act No. 36 of 1947

Drift retardant and deposition aid for agricultural remedies.

ACTIVE INGREDIENT

Polyvinyl polymer20 g/L



Batch No.

Date of manufacture

Net Volume

L

MANUFACTURED IN THE UNITED STATES BY:



A HUBER COMPANY

MILLER CHEMICAL & FERTILIZER LLC., USA
HANOVER, PENNSYLVANIA, 17331

REGISTERED AND DISTRIBUTED BY :



PROPERTIES (PTY) LTD | 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



CAUTION / VERSIGTIG



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WARNING

- 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 of 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 100 L
Ground applications		
Low (below 30 psi or 2 bar)	Flat Fan Flood Off-centre	250 ml 250 ml 500 ml
Medium (30 - 50 psi or 2 - 3.4 bar)	Flat Fan Flood Off-centre Spray guns	500 ml 500 ml 500 ml 750 ml

SPRAY PRESSURE	NOZZLE ORIENTATION	DOSAGE PER 100 L
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

Select correct nozzle type

Use lower end of pressure

Lower boom height

Increase spray volume

Spray when wind speeds are less than 15 km/h and moving away from sensitive plants.

Do not spray when the air is completely calm or an inversion occurs.

EXAMPLE

Raindrop, low pressure,
Flat fan, flooding.

Use 150 – 250 kPa for raindrop.
Less than 200 kPa for other nozzle types.

Use as low a boom height as possible to maintain distribution.

If normal volume 60 – 80 L/ha,
increase to 100 – 120 L/ha.

Leave buffer zone if sensitive plants are downwind. Spray buffer zone when wind changes.

Inversions generally occur in early morning or near bodies of water.

EXPLANATION

Use as large droplets as practical to provide coverage necessary

Higher pressures generate more small droplets, less than 100 microns VMD.

Wind speed increases with height. A few centimetres lower boom height can reduce drift.

Larger capacity nozzles will reduce spray depositing off-target.

More of the spray volume will move off-target as wind increases.

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 – 240 g of table salt per 100 litres of spray mixture.

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