



Shroud II

Deposition Enhancement - Drift Reduction

Adjuvant

PRINCIPLE FUNCTIONING AGENTS

Water Dispersible Polymer.....	75%
Constituents ineffective as spray adjuvant.....	25%
Total	100%

Components exempt from tolerance under 40CFR 180

GENERAL INFORMATION

Shroud II is a renewable bio-polymer in granular form that will enhance spray deposition and reduce drift of glyphosate and most other pesticide formulations. **Shroud II** meets the increasing need for improved "on target" deposition of agricultural chemicals and is highly compatible and readily dispersible into water.

- Rapid Dispersion in water
- Low-Foaming - specifically formulated to reduce foam in the mixing tank
- Reduces "Bounce" of spray liquid from difficult to wet surfaces
- Increases Retention of large droplets by grass weeds
- Newtonian Behavior - no degradation due to shear
- Dry Form - easy to store and handle-no liquid spills to clean up
- Highly Compatible with most agricultural chemicals
- Biodegradable - made from a renewable bio-polymer

APPLICATIONS: **Shroud II** can be used where agricultural chemical deposition enhancement or drift reduction is desired including use with formulations of glyphosate and other salt type crop protection chemicals formerly requiring special adjuvants. **Shroud II** can be used as a stand-alone product or preblended with Ammonium Sulfate (AMS). Designed for but not limited to post emergence applications.

COMPATIBILITY: **Shroud II** is not recommended for use with sprayable boron formulations or with full strength high phosphorus fertilizers such as 10-34-0.

ADDITIONAL NOTES: **Shroud II** is made from a polymer that is activated in spray mixtures by water. The time required for activation is somewhat pH dependent. Although the polymer is activated fastest at low (acidic) pH's, it is desirable to fully disperse **Shroud II** first in plain, neutral water in the spray tank before adding acidic chemicals or tank buffers. When **Shroud II** is added to highly acidic tank mixtures, there is a greater chance of polymer lumps forming if activation occurs faster than dispersion.

DIRECTIONS FOR USE

USE RATES: 10 to 12 ounces per 100 gallons of spray mixture
32 ounces (2 lbs.) per 51 lbs. bag of Sprayable Ammonium Sulfate

Spray Tank Mix Total	Shroud II Rate to Add	Shroud II Rate to Add in
100 gal.	0.75 lbs.	12 oz.
200 gal.	1.50 lbs.	24 oz.
300 gal.	2.25 lbs.	36 oz.
400 gal.	3.00 lbs.	48 oz.
500 gal.	3.75 lbs.	60 oz.

MIXING RECOMMENDATIONS

ADDING Shroud II DIRECTLY INTO TANK MIXTURES

- Fill spray tank at least half full with water
- Begin maximum tank agitation (recirculation)
- Add **Shroud II** to the tank through the top port or eductor system (see below)
- A use rate of 10 to 12 oz. per 100 gallons of spray mixture is recommended.
- Agitate tank for 1-2 minutes before proceeding
- Add other chemicals and water to spray tank as desired
- Continue tank agitation for 3-5 minutes before spraying to ensure activation

ADDITION THROUGH TOP PORT

- Fill tank at least half full with water
- Check for foam in tank
- If foam covers water surface, add defoamer
- Begin maximum agitation
- Slowly pour **Shroud II** into area of maximum agitation
- Add additional water to tank as needed
- Maintain agitation for 1-2 minutes before adding other chemicals to tank

ADDITION THROUGH EDUCTOR

- Fill tank at least half full with water
- Begin water flow through eductor system and maximum tank agitation
- Add **Shroud II** to eductor funnel
- Allow dry **Shroud II** to flow into spray tank
- Rinse funnel with water
- Add additional water to tank as needed
- Maintain agitation for 1-2 minutes before adding other chemicals to tank

ADDING SHROUD II INTO SPRAYABLE AMMONIUM SULFATE

- Add 1 - 2 lb. (32 oz.) of **Shroud II** into a 51 lb. bag of sprayable ammonium sulfate.
- While wearing rubber gloves, mix the **Shroud II** into the top few inches of the ammonium sulfate.
- Determine rate of ammonium sulfate needed (i.e. 17 lb./100 gall. or 2.5 lb./acre)
- After filling the spray tank at least half full, add the **Shroud II** included bag of ammonium sulfate to the tank through either the top port or inductor.
- Add additional water to tank as needed.
- Maintain agitation for 1-2 minutes before adding other chemicals to tank.

STORAGE AND DISPOSAL

Keep product cool and dry in sealed original containers. If a spill occurs, the area may become slippery when wet. Do not attempt to clean up spill with water because the resulting gel may be difficult to clean up. Sprinkle appropriate absorbent over the spill area to minimize dusting and sweep the material into approved chemical disposal containers.

CLEANING OF EQUIPMENT: Spray equipment should be thoroughly rinsed and flushed with a detergent in water solution. Obey all regulatory requirements for disposal of pesticide solutions

PRECAUTIONARY STATEMENTS

CAUTION: **Shroud II** is a granular product, which may irritate skin and eyes; handle accordingly. Chemical resistant gloves, goggles and apron are recommended. The Material Safety Data sheet should be reviewed prior to use.

CAUTION
KEEP OUT OF REACH OF CHILDREN
- STOP -
READ ENTIRE LABEL BEFORE USING

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product are based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of manufacturer or the Seller. All such risks shall be assumed by the Buyer. THE MANUFACTURER OR SELLER MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OF ANY OTHER EXPRESSED OR IMPLIED WARRANTY. IN NO CASE SHALL THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGE RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. The manufacturer and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of the manufacturer.

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