

# MISTY SURFACTANT

NONIONIC SURFACTANT • HUMECT

## FORMULATION SPECIMEN LABEL

### PRINCIPAL FUNCTIONING AGENTS

Nonionic surfactants and humectants .....90%  
Constituents ineffective as a spray adjuvant .....10%  
**TOTAL**.....100%  
All ingredients are exempt from tolerance under 40 CFR 180.

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

Harmful or fatal if swallowed. Avoid contact with skin, eyes or clothing. Do not take internally. Do not eat, drink, smoke or chew gum while using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. In addition, follow precautionary statements on all products used with this material. Clean affected clothing, shoes, and protective equipment before reuse.

**Personal Protective Equipment:** Wear chemical-resistant eyewear and gloves, long-sleeve shirt and pants and shoes and socks.

### FIRST AID

**Call a poison control center or doctor immediately for treatment advice.**

Have the product container with you when calling a poison control center or doctor, or going for treatment.

- **If Swallowed:** Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
- **If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
- **If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.
- **If in Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye.

### GENERAL INFORMATION

Not for aquatic use

**MISTY SURFACTANT** enhances the performance of a wide range of pesticides by thoroughly wetting the pest and spreading the active ingredient on the target surface. **MISTY SURFACTANT** slows drying time to improve penetration through a waxy or weather hardened cuticle. A defoaming agent in the formulation eases mixing procedures and speeds load time.

### DIRECTIONS FOR USE

Follow the directions on all pesticide labels. If the pesticide does not specify the use of a surfactant follow the directions below. Use only if a surfactant is allowed or not excluded on the label.

**MISTY SURFACTANT** meets the requirements of most pesticide manufacturers for a 90/10 surfactant.

If the user does not have experience with the mixture being applied, perform a jar test using the order and amounts in the mixture and perform a phytotoxicity test to ensure crop safety.

### **Order of addition**

In general, follow the W-A-L-E-S plan when adding herbicides to a tank mix.

1. Wettable Powders (WP) then Flowables (F, DF)
2. Agitate then add adjuvants such as anti-foaming compounds, buffers
3. Liquid and Soluble products
4. Emulsifiable concentrates (EC)
5. Surfactants or other adjuvants

Prior to mixing you should fill your spray tank with half of the carrier you intend to use, usually water. Then start the sprayer and check to make sure that all valves and gauges work and that you have proper tank agitation.

### USE RATES

Application	Use Rate (per 100 gallons of spray solution)
Herbicides	1 - 4 pints
Insecticides, acaricides, fungicides	3 - 8 ounces
Defoliants, desiccants	1 - 2 pints

Differences in field conditions can cause some variation in the amount of this product required. The minimum required to give a smooth, uniform coverage usually gives the most effective results.

### STORAGE AND DISPOSAL

**Storage:** Store in a cool, dry place. Store in original container only. Do not add anything to the container. Keep container tightly sealed when not in use. Do not store near fire, flame or other potential sources of ignition. Do not contaminate water, food or feed by storage or disposal of this product. For optimal storage, store between 40° and 90° F.

**Disposal:** Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal if allowed by law. 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.acrcycle.org](http://www.acrcycle.org). Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.



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