



## Humectant and Nonionic Surfactant

### Principal Functioning Agents:

Polyhydric alcohol, Branched alkyl phenol ethoxylate, and Sodium xylene sulfonate.....	90%
<b>Constituents Ineffective as a Spray Adjuvant.....</b>	<b>10%</b>
<b>Total.....</b>	<b>100%</b>

All ingredients in this product are exempt from the requirements of a tolerance as specified under Title 40, Code of Federal Regulations 180.

### KEEP OUT OF REACH OF CHILDREN

## WARNING

**Causes eye irritation. Causes mild skin irritation.  
May be harmful if swallowed or inhaled.**

### PRECAUTIONARY STATEMENTS

Take off contaminated clothing and wash before reuse. Wear eye protection, face protection, protective gloves and protective clothing.

### FIRST AID

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If eye irritation persists: Get medical advice/attention.

**IF ON SKIN:** Call a POISON CENTER or doctor/physician if you feel unwell. Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice or attention.

**IF SWALLOWED:** Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

**IF INHALED:** Call a POISON CENTER/doctor/seek medical attention if you feel unwell. Remove person to fresh air and keep comfortable for breathing.

### GENERAL INFORMATION

**GroNIS™** is a general purpose, low foam nonionic surfactant, and humectant for use on plants to maximize the effectiveness of pesticides. **GroNIS** improves pesticide performance by increasing spray solution coverage and penetration of target leaf surfaces. It is designed for quick wetting, uniform droplet distribution, and increased spray retention on leaf and stem surfaces. Care must be taken in treating crops during periods when plants are subjected to drought stress, high temperatures, and high humidity. **NOT FOR AQUATIC USE IN CALIFORNIA OR WASHINGTON STATE.**

### DIRECTIONS FOR USE

REFER TO PESTICIDE LABEL FOR SPECIFIC CROP USE AND APPLICATION RATES. Prior to use, read and follow all directions on this label and on the label of the pesticide being used. SHAKE WELL BEFORE USING. FOR USE WITH PESTICIDES REGISTERED FOR AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, NONCROPLAND, RIGHTS-OF- WAY, AND TURF.

### USE RATES:

0.0675 - 0.5% v/v (0.5 - 4 pints per 100 gallons spray solution)

Needed rates of **GroNIS** may vary with conditions of application. Add sufficient **GroNIS** to form a smooth, uniform spray deposit. For best mixing results, fill the spray tank half to three quarters full, and begin agitation. Consult the pesticide or fertilizer labels for recommended sequence of addition. If the applicator does not have experience using this product, a phytotoxicity and jar test must be performed to facilitate crop safety and tank mix compatibility. The pesticide manufacturer's label for specific usages and restrictions have precedence over DIRECTIONS FOR USE referred to on this label.

**MIXING:** In the absence of specific mixing instructions found on the pesticide label, fill the spray tank with at least 50% of the desired finished carrier volume. When premixing in a mixing vessel or inductor, fill with at least 20% of the desired finished carrier volume. While the carrier is agitating, add tank mix ingredients in the following order:

1. Compatibility agent and/or antifoam, if needed.
2. AMS, dry formulations (WP, DF, WDG, SP) and dry drift retardants.
3. Dry soluble and suspension fertilizers/micronutrients.
4. Liquid drift retardance and flowable formulations (F & FL).
5. Liquid concentrates, suspension and microencapsulated (LC, SC, ME).
6. Emulsifiable concentrates (E, EL or EC).
7. Solutions and soluble liquids (S or SL).
8. Liquid micronutrients and fertilizers.
9. Water conditioners and other adjuvants (COC, HSOC, MSO, NIS).
10. Finish filling to desired spray volume level and continue agitation.

### STORAGE AND DISPOSAL

**STORAGE:** Store product locked up in original container away from pesticides, fertilizers, and food or feed, and keep container tightly closed when not in use. Do not use, spill, or store near heat or open flames. Take care to prevent water from being introduced to the contents of this container. SHAKE WELL BEFORE USE. DO NOT FREEZE.

**DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. Empty container may contain explosive vapors or hazardous residues. Triple rinse container and pour rinsate into spray tank. Do not reuse container. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit [www.acrecycle.org](http://www.acrecycle.org). Dispose of contents/container in accordance with local/national regulations.

### NOTICE OF WARRANTY

Seller warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. 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 the Seller. IN NO CASE SHALL SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. SELLER MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

### Manufactured by:



220 SW 9th St., Ste. 300  
Des Moines, IA 50309

Net Contents: 2.5 Gallons (9.45 L)  
2 x 2.5 Gallons (18.9 L)  
265 Gallons (1002 L)

