



# R-11<sup>®</sup>

SPREADER ACTIVATOR - NONIONIC SURFACTANT



### PRINCIPAL FUNCTIONING AGENTS

Alkylphenol ethoxylate, butyl alcohol,	% BY WT.
Dimethylpolysiloxane .....	90%

<b>CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANTS</b> .....	<u>10%</u>
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Total.....	100%
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Surfactant Content.....80%

CA Reg. No. 2935-50142

WA Reg. No. 2935-50142

### KEEP OUT OF REACH OF CHILDREN



### WARNING

Flammable liquid and vapor. Causes serious eye irritation. Harmful if swallowed.

### PRECAUTIONARY STATEMENTS

Keep away from heat, sparks, open flames and hot surfaces. No smoking. Keep container tightly closed. Use explosion-proof electrical equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear rubber or chemical resistant gloves and eye and face protection. Wash thoroughly with soap and water after handling. Do not eat, drink, or smoke when using this product.

**In case of fire:** Use water fog, foam, dry chemical powder or CO<sub>2</sub> to extinguish.

<b>FIRST AID</b>	
<b>If in eyes:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
<b>If swallowed:</b>	Rinse mouth. Call a poison center or doctor if you feel unwell.
<b>If on skin (or hair):</b>	Remove immediately all contaminated clothing. Rinse skin with soap and water.
<p><b>Have the product container with you when calling a POISON CENTER or doctor, or going for treatment.</b></p> <p><b>You may also contact EMERGENCY TELEPHONE NUMBERS:</b>            (800) 424-9300 CHEMTREC (transportation and spills)            (800) 222-1222 POISON CONTROL CENTER (human health)            (888) 426-4435 ASPCS (animal health)</p>	

## DIRECTIONS FOR USE

R-11® Spreader-Activator is specially formulated for increasing the efficacy of various agricultural chemicals. It is designed for use where quick wetting and uniform coverage of an agricultural chemical on a target surface is required. R-11 Spreader-Activator may also increase the absorption and translocation of systemic products. Rates of R-11 Spreader-Activator may vary with plant and environmental conditions at the time of application. Use the low rates of R-11 Spreader-Activator if a uniform film on the plant surface is desired. The high rates of R-11 Spreader-Activator will not result in excessive foaming and should be used in situations such as, but not limited to:

- Applications of systemic chemicals.
- Application rates as recommended on manufacturer's labels.
- Applications made under adverse conditions.

Generally R-11 Spreader-Activator should be added as the last ingredient into the spray tank with the agitator running. However, some manufacturer's labels may recommend the addition of a nonionic surfactant, such as R-11 Spreader-Activator, into the spray tank earlier in the mixing sequence.

## USE RATES

**Acaricides, Fungicides & Insecticides:** Use 2-32 fl. oz. per 100 gallons of spray. The higher rate should be as recommended on the pesticide manufacturer's label.

**Herbicides, Defoliants & Desiccants:** Use 6-48 fl. oz. per 100 gallons of spray for most applications. The application rates should be as recommended on the herbicide manufacturer's label.

**Aquatic Use Rates:** R-11 Spreader-Activator may be used with aquatically labeled products, such as, glyphosate, triclopyr and diquat herbicides at 64 fl. oz. per 100 gallons of spray solution. The application rates should be as recommended on the herbicide manufacturer's label.

### Not for Aquatic Use in Washington

**Plant Growth Regulator:** When an EPA Registered Plant Growth Regulator recommends the use of a nonionic Surfactant, R-11 Spreader-Activator can be used at the rate suggested on the respective label. If there is no recommended rate for the nonionic surfactant on the Plant Growth Regulator label then R-11 Spreader-Activator should be used at the general wetting rate of 16 - 32 fl. oz. per 100 gallons of spray solution.

**Backpack or Handheld Sprayers:** Use 1-2 tablespoons (1/2-1 fl. oz.) per gallon of spray. The application rates should be as recommended on the manufacturer's label.

**Livestock Sprays:** Use 4-8 fl. oz. per 100 gallons of spray.

**Soil Sterilants:** Use R-11 Spreader-Activator at 1% of the total spray mix.

## RATE EXCEPTIONS

Compliance with Manufacturer's Label: For pesticide/herbicide labels that permit use of a nonionic surfactant at a higher rate, follow instructions on that pesticide/herbicide label.

DO NOT ADD THIS PRODUCT AT A RATE THAT EXCEEDS 5% OF THE FINISHED SPRAY VOLUME.

Note: Use caution at the higher application rates. When applying to a sensitive crop, first treat a small area to determine if there may be adverse effects to the crop.

## USE RESTRICTIONS

Not for aquatic use in Washington.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

**STORAGE:** Store in a cool, well-ventilated place. Store in original container only and keep tightly closed. Store in closed storage area.

**PRODUCT DISPOSAL:** Dispose of contents in accordance with all government regulations. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Dispose of container in accordance with all government regulations. Triple rinse (or equivalent), then offer for recycling, if available, or reconditioning, if appropriate. Alternatively, puncture and dispose of the container in a sanitary landfill, or by other procedures approved by state and local authorities. Recycling cleaned containers is the best option of container disposal. ACRC (Agricultural Container Recycling Council) operates a national recycling program. To contact your state and local ACRC recycler, visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org).

Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using the product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

**ALL STATEMENTS MADE HEREIN ARE SUBJECT TO APPLICABLE LAW, AND TO THE EXTENT THERE IS ANY INCONSISTENCY OR CONTENTION, APPLICABLE LAW SHALL GOVERN.**

The Directions for Use of the product must be followed carefully. 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 many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

**Seller warrants that this product conforms to the chemical description on the label. EXCEPT FOR THIS WARRANTY, THE PRODUCT IS FURNISHED "AS-IS", AND NEITHER SELLER NOR MANUFACTURER MAKES ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT; SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE BEYOND WHAT IS STATED ON THE LABEL. Buyer and User accept all risks arising from any use of this product, including without limitation, uses contrary to label instructions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.**

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These Conditions of Sale and Limitation of Warranty and Liability shall be interpreted, unless otherwise required by the law of the state of purchase, in accordance with the laws of the State of California, excluding its conflicts of laws rules, and may not be amended by any oral or written agreement.

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**In Case of Emergency, Call CHEMTREC:  
(800) 424-9300**

**WILBUR-ELLIS COMPANY LLC**  
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(559) 442-1220

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