



WILBUR-ELLIS®

Ideas to Grow With™



# R-11®

## NONIONIC SURFACTANT • SPREADER • ACTIVATOR



% BY WT.

<b>PRINCIPAL FUNCTIONING AGENTS:</b> .....	90%
Polyethylene glycol mono(branched p-nonylphenyl) ether, Butyl alcohol, Dimethylpolysiloxane	
<b>CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANTS</b> .....	10%
<b>TOTAL</b> .....	100%

Surfactant Content.....80%

CA 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.

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> <li>• Rinse cautiously with water for several minutes.</li> <li>• Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>• If eye irritation persists: Get medical attention.</li> </ul>
If swallowed:	<ul style="list-style-type: none"> <li>• Rinse mouth.</li> <li>• Call a poison center or doctor if you feel unwell.</li> </ul>
If inhaled:	<ul style="list-style-type: none"> <li>• Move to fresh air.</li> <li>• Call a physician if symptoms develop or persist.</li> </ul>
If on skin or clothing:	<ul style="list-style-type: none"> <li>• Wash off with soap and water.</li> <li>• Get medical attention if irritation develops and persists.</li> </ul>
<p><b>Have the product container with you when calling a poison center or doctor, or going for treatment.</b>  <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 AND INSECTICIDES:** Use 2-32 fl. oz. per 100 gallons of spray mixture. The higher rate should be as recommended on the pesticide manufacturer's label.

**CITRUS:** When ¼ inch or larger fruit are present, use 2 fl. oz. of R-11 per 100 gallons of spray mixture; otherwise, use 1/8-2 pints (2-32 fl. oz.) of R-11 per 100 gals of spray mixture.

**DEFOLIANTS, DESICCANTS AND HERBICIDES:** Use 6-48 fl. oz. per 100 gallons of spray mixture for most applications. The application rates should be as recommended on the herbicide manufacturer's label.

**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 mixture.

**SOIL STERILANTS:** Use R-11 Spreader-Activator at 1% of the total spray mixture.

## OTHER USES

**AQUATIC USE RATES (NOT FOR AQUATIC USE IN WASHINGTON):** 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 mixture. The application rates should be as recommended on the herbicide manufacturer's label.

**BACKPACK OR HANDHELD SPRAYERS:** Use 1-2 tablespoons (1/2-1 fl. oz.) per gallon of spray mixture. The application rates should be as recommended on the manufacturer's label.

For pesticide that permit use of a nonionic adjuvant at a higher rate, follow instructions on that pesticide label. **HOWEVER, DO NOT ADD THIS PRODUCT AT A RATE THAT EXCEEDS 5% OF THE FINISHED SPRAY VOLUME.** Use caution at the higher use rates. When applying to a sensitive crop, first treat a small area to determine if there are any 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.**

Neither Manufacturer nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE BUYER OR USER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT, OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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.

WILBUR-ELLIS® logo, Ideas to Grow With®, ADJUVANTS Tri-Droplet® logo and R-11® are registered trademarks of Wilbur-Ellis Company LLC.

F-092818

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

**WILBUR-ELLIS COMPANY LLC  
P.O. BOX 16458 - FRESNO, CALIFORNIA 93755  
(559) 442-1220**

NET CONTENTS: \_\_\_\_\_ GALLON(S)