



# AD-SORB RST<sup>®</sup>

## NONIONIC SURFACTANT

### PRINCIPAL FUNCTIONING AGENTS

Poloxalene, alkyl polyglucoside, vegetable oil ethoxylate .....	30.7%
Constituents ineffective as a spray adjuvant .....	69.3%
TOTAL .....	100.0%

Surfactant content 30.5%

### CONTAINS NON-PLANT FOOD INGREDIENTS

17.0% Poloxalene
11.7% Alkyl polyglucoside
2.0% Vegetable oil ethoxylate
69.3% Inert ingredients (water)

100.0% TOTAL

EXEMPT FROM A TOLERANCE AS SPECIFIED IN 40 CFR 180.



## KEEP OUT OF REACH OF CHILDREN WARNING

MAY CAUSE AN ALLERGIC SKIN REACTION.  
CAUSES SERIOUS EYE IRRITATION.

### PRECAUTIONARY STATEMENTS

Avoid breathing mist/vapors/spray. Wash hands, forearms and face thoroughly after handling. For specific treatment see first aid instructions on this label. Dispose of contents/container in accordance with local/regional/national regulations.

**Personal Protective Equipment (PPE):** Contaminated work clothing must not be allowed out of the workplace. Wear chemical resistant protective gloves/coveralls over protective clothing including a shirt and pants/socks and shoes/eye protection/face protection. A face shield is required when cleaning equipment, mixing or loading. Take off contaminated clothing and wash before reuse. If clothing or other absorbent materials are heavily drenched with this product do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other washables.

### FIRST AID

- IF ON SKIN:** Wash with plenty of water. If skin irritation or rash occurs get medical advice/attention.
- 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 attention.
- IF INHALED:** Remove person to fresh air and keep comfortable for breathing.
- IF SWALLOWED:** Rinse mouth. Call a poison center/doctor if you feel unwell. Do NOT induce vomiting unless told to do so by a poison center/doctor.

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### NET CONTENTS

- 30 GALS (113.56 L)
- 270 GALS (1,022.06 L)

### ENVIRONMENTAL HAZARDS

Do not contaminate water sources by cleaning of equipment or disposal of wash water.

### STORAGE AND DISPOSAL

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

**Storage:** Do not store below 32°F or above 120°F.

**Disposal:** Do not reuse empty container. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. Triple rinse (or equivalent) during mixing and loading. 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 the ACRC web page at [www.acrcycle.org](http://www.acrcycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

### GENERAL INFORMATION

AD-SORB RST<sup>®</sup> is a unique soil surfactant designed to help in overall soil moisture management in irrigated crops. AD-SORB RST helps lower surface tension and increases water penetration and water percolation in the soil profile. AD-SORB RST is most effective when applied with the first irrigation in early spring followed by repeat applications as needed.

### DIRECTIONS FOR USE

#### For Soil Moisture Management

**Irrigation Systems:** Use at 1 to 6 quarts per acre through any type of irrigation system. First application should coincide with first irrigation cycle. A follow-up application of 1 to 6 pints per acre is recommended two weeks after initial application. Continue with 1 to 6 pints per acre every 4 to 6 weeks. Use back-flow prevention valve (check-valve) when injecting into irrigation systems.

**Drip or Micro-Irrigation Systems:** Apply 1 to 6 quarts per acre. Apply to coincide with first irrigation cycle. Two weeks after initial application, follow up with a second application of 1 to 6 pints per acre then follow with 1 to 6 pints per acre every 4 to 6 weeks. The final application of the season should be scheduled with the last full irrigation cycle.

**Conventional Tank Sprayers:** Apply at 2% v/v (2 gallons per 100 gallons) of spray solution and apply at a rate of 1 to 8 pints per acre. Irrigate following application to move into soil profile. In non-irrigated areas, apply prior to anticipated rainfall.

#### For Use as a Tank Mix Adjuvant

Use at a rate of 0.25% v/v to 1.00% v/v (1 to 4 quarts per 100 gallons). This product can be used with a range of liquid fertilizers and crop control products. Always read and follow label directions of the accompanying tank mix product pertaining to the use of an adjuvant.

**Jar Test:** Conduct a jar test in advance to confirm tank mix compatibility. Fill tank mix 1/2 full with water then add this product without agitation. Add remaining ingredients; fill the remaining water then agitate. The use of an antifoam agent, like Simplot's FOAM ARREST™, will help minimize foam.

#### For Use on all Agricultural Crops

**NOT A PLANT FOOD INGREDIENT. NOT FOR AQUATIC USE.**

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-jr.com>

### DISCLAIMER OF WARRANTIES

J.R. Simplot Company warrants that the composition of this product conforms to the description and is reasonably fit for the purpose as stated on the label only when used in accordance with label directions under normal conditions of use. This warranty is expressly in lieu of all other warranties and representations expressed, implied, or statutory, including warranties of merchantability and fitness for a particular use. Timing, rate and method of application, weather and crop conditions, and mixtures not specifically recommended on this label or an accompanying written recommendation, are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages resulting from, but not limited to, weather or soil conditions, presence of other materials, or failure to follow label directions will be assumed by the Buyer or User; and to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.

### GUARANTEED BY

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