# Table of Contents

What is an Adjuvant? ................................................................. 3
Choosing the Right Adjuvant .................................................. 4
HLB Value .............................................................................. 5
Measurement of Wetting Solutions ....................................... 6
Contact Angle ....................................................................... 7
Surface Tension .................................................................... 8
What is a Surfactant? .............................................................. 9

Elite Product Line ................................................................... 10
ALLURE .................................................................................. 11
AMPLIFY .............................................................................. 12
CHAMPION .......................................................................... 13
DIVINE .................................................................................. 14
IMPERIAL .............................................................................. 15
INFLTRATOR ......................................................................... 16
KNOCKDOWN ........................................................................ 17
MARVEL ................................................................................ 18
NATURAL ............................................................................... 19
Pinnacle ............................................................................... 20
PLATINUM ........................................................................... 21
PREMIER ............................................................................... 22
PREMIER BLUE ..................................................................... 23
PREMIER RED ....................................................................... 24
PYRO ........................................................................................ 25
RADIANT ............................................................................... 26
SECURE ULTRA ...................................................................... 27
SPLENDOR ............................................................................ 28
SUPREME ............................................................................... 29
VELOCITY ............................................................................... 30
VIGOR ...................................................................................... 31

RRSI PRODUCT LINE ............................................................ 32
1% SOLUTION DRIFT CONTROL AGENT ................................. 33
DEFOAMER ............................................................................ 34
ENHANCE ............................................................................. 35
FOAM MARKER ....................................................................... 36
FORESTRY OIL ........................................................................ 37
IVM MARKING DYE .................................................................. 38
LIQUID AMS + DEFOAMER .................................................... 39
NIS .......................................................................................... 40
NIS PRO with ORT ................................................................. 41
PACER ..................................................................................... 42
SUN-PASTURE ....................................................................... 43
SUNRISE ............................................................................... 44
SUNSET .................................................................................. 45
SUPER AMS ............................................................................ 46

Adjuvant Terminology ............................................................ 47
What is an Adjuvant?

Adjuvants are materials that are added to a formulation or spray solution to affect its physical properties and enhance pesticide performance. These products perform a variety of functions to improve the performance of the spray application.

In order to maximize performance, it is important to understand the different roles that adjuvants play, as well as the mode of action of that pesticide. Once this has been established you can be sure you are selecting the correct adjuvant which is best suited for your needs.

Red River offers a wide range of products to help you make the right choices in selecting the proper adjuvant to enhance the quality and performance of your spray application program.
Choosing the Right Adjuvant

Post-emergence applications tend to be more complicated due to the variety of conditions, either environmental or equipment related, that can negatively impact a pesticide program. Selecting the proper adjuvant is critical to insure that the pesticide performance is maximized. Some of the conditions that need to be considered when selecting an adjuvant include:

**Application Related**
- Soil Conditions
- Air and Soil Temperatures
- Relative Humidity
- Wind Speed
- Water pH
- Leaf Angle
- Leaf Surface Characteristics
- Plant Canopy
- Water Hardness

**Pesticide Related**
- Pesticide Selection
- Pesticide Rate
- Weed Species and Size
- Tank Mix Options
- Selection and Rate
- Pesticide Antagonism
- Application Rate (GPA)
- Nozzle Selection
- Pressure Selection

**Helpful Hints:**

- Review the pesticide and adjuvant labels to make sure the adjuvant selected is suitable for the spray site, target pest, pesticide and equipment that have been chosen for the application.

- Each adjuvant has certain characteristics that are designed to perform unique functions during a pesticide application. It is important to select the adjuvant best suited for the application to ensure maximum results.

- Environmental conditions can adversely affect a spray application. Care must be taken in using the adjuvant best suited for the application to maximize pesticide performance.

- Understand the physical properties of your spray solution and limitations of the products you are spraying. (i.e.: pH, hard water, temperature, etc.)
HBL Value

HBL refers to “Hydrophilic Lipophilic Balance”. HLB value for a given surfactant is the relative degree to which the surfactant is “water loving” (hydrophilic) or “oil loving” (lipophilic).

All nonionic surfactants are assigned HLB values. These values range on a scale from 1 to 20. The lower the HLB value, (on the scale moving closer to 1) would be considered more lipophilic (oil soluble). The higher the HLB value, (on the scale moving closer to 20) the more hydrophilic (water soluble).

**HLB Range:**

- 3 - 6  Water in Oil Emulsion
- 7 - 9  Wetting Agents
- 8 - 18 Oil in Water Emulsion
- 13 - 15 Detergents
- 10 - 18 Solubilizers

The HLB value of a product is simply a guide used to identify the ability of a surfactant to improve herbicide effectiveness.

*Published by DuPont at the First International Weed Control Congress 1992.*
Measurement of Wetting Solution

- Draves wetting correlates to how well a pesticide solution will wet and spread on a solid surface. (i.e.: plant, weed, etc.). This standard method test measures the time (seconds) it takes to wet a woven cotton thread.

- A superior wetting agent at a 0.25% v/v concentration will require less than 20 seconds for wetting to occur (Water: >300 seconds).

- The lower the score on this test, the better wetting characteristics the product has.

Red River conducts draves testing on all specialty products. However, in recent years, a greater emphasis has been placed on surface tension and contact angle analysis in describing a surfactant’s characteristics.

Components other than surfactants may affect wetting results. Fatty acids which offer humectant properties tend to slow wetting times. High concentrations of alcohols tend to lower wetting times.
Contact Angle

- Contact angle is a profile measurement of a drop of water in contact with a solid surface. When a surfactant (wetting agent) is introduced into the solution, the surface tension is reduced and the water droplet becomes flatter.
- The lower the contact angle produced by the surfactant, the greater the spreading and coverage properties of that spray solution.
- Water has a contact angle of 93 degrees. A typical surfactant influences the contact angle 30-45 degrees, and a “super wetter” surfactant can reduce contact angles to 15 degrees or less.

Spray Droplet Coverage Comparisons
Surface Tension

- Surface tension is a condition that exists at the free surface of a solution. The dynes per centimeter (dynes/cm) measurement in the test determines the amount of "force" required to pull a *Denoy Ring off the surface of the solution. The higher the dynes/cm, the more force that was applied.

- Since surfactants affect tension, the lower the dynes/cm the better the coverage. Conversely, the higher the dynes/cm of the solution, the worse coverage becomes.

- The surface tension of water is approximately 74 dynes/cm. Typical wetting agents will reduce surface tension to 30-50 dynes/cm, while super wetters reduce this figure to 10-30 dynes/cm.

*Denoy Ring

Dynes/cm: A measure of force associated with the surface tension; the smaller the number, the greater the coverage.
What is a Surfactant?

Surfactants are materials, sometimes referred to as wetting agents and spreaders that physically alter the surface tension of a spray droplet. For a pesticide to perform its function properly, a spray droplet must be able to wet the foliage and provide sufficient coverage on the leaf surface. By enlarging the area of pesticide coverage, a surfactant can increase a targeted pests’ exposure to the chemical.

Surfactants are particularly important when applying a pesticide to waxy or hairy leaf surfaces. While the most commonly used surfactants increase wetting and coverage, many surfactants also contain “penetrants” that assist in the transportation of the pesticide through the leaf cuticle. Penetration of the leaf surface is critical when using systemic pesticides that must translocate within the plant to be effective.
Elite Product Line

As powerful as it sounds
Elite is the premium brand of adjuvants from Red River Specialties, LLC. Adding Elite to a spray application will enhance product performance. Each product in the all-inclusive Elite line consists of highly specific features designed to work together with every herbicide treatments. What all Elite products have in common is a level of product quality that is guaranteed to improve the current results of any herbicide application.

Adjuvants are not one size fits all
Adjuvants are materials added to a formulation or spray solution to affect its physical properties and increase pesticide performance. Each product contains certain characteristics that perform unique functions during a pesticide application. It is critical to understand both the product and adjuvant labels in order to select the adjuvant best matched for the targeted problem, product used, spray site and application equipment.
**Principal Functioning Agents:**
- Ammonium salts of sulfuric acid, tricarboxylic acid and carbamide nitrate: 50%
- Constituents ineffective as spray adjuvants: 50%
- Total: 100%

All ingredients are exempt from the requirement of a tolerance under 40 CFR 180.

**KEEP OUT OF REACH OF CHILDREN**

**Warning:**

Causes skin irritation. Causes serious eye irritation.

**Precautionary Statements**

**Hazards to Humans and Domestic Animals**

Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing vapors or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/ protective clothing/ eye protection/ face protection.

**First Aid**

Call a poison control center or doctor immediately for treatment advice. Have the product container or label with you when calling or going for treatment.

**If In Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so then continue rinsing. Have the product container with you when calling a poison control center or doctor, for going for treatment. If eye irritation persists: Get medical advice or attention.

**If On Skin or Clothing:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice. If skin irritation occurs: Get medical advice or attention.

**If Inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**General Information**

**Allure** is a moderate pH water conditioning agent that promotes herbicide performance by reducing interaction between active ingredients and hard water. **Allure** does not contain any surfactants and may be used with glyphosate on Flex cotton or with labels that prohibit the use of additional surfactants. Since **Allure** buffers the pH of the spray water to a moderate level, it may be used with sulfonylurea herbicides. To aid in herbicide uptake, a blend of ammonium sulfate and ammoniacal nitrogen have been added along with buffers, sequestrants and chelating agents to condition the spray water.

Hard water can minimize the effectiveness of certain pesticides. Ammoniacal nitrogen is known to be an effective uptake enhancer for herbicides by several plant species and by conditioning the spray water and providing a source of ammoniacal nitrogen. Do not use **Allure** on aquatic sites.

**Directions for Use**

**Recommended Use Rates**

**Ground:** Apply at the rate of 2 to 6 pints per 100 gallons of spray (0.25 - 0.75% v/v). 4 to 8 ounces may be used on a per acre rate.

**Aerial:** Use 3 to 8 pints per 100 gallons of spray (0.375 - 1.00% v/v).

**Allure** at 4 pints per 100 gallons of spray solution, has demonstrated performance equal to 8.5 lbs. AMS per 100 gallons.

**Storage and Disposal**

**Storage:** Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

**Disposal:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

**Warranty**

Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

**Tech Matrix**

- Sequestering
- Buffering
- Chelating
- SU Herbicides
- Glyphosate

**Manufactured for:**

**Specimen Label**

**Elite**

water conditioning agent designed for sulfonyl urea herbicides

**Allure**

1324 N. Hearn Ave., Ste 120, Shreveport, LA 71107
1-800-255-3144
**PRINCIPAL FUNCTIONING AGENTS:**
A proprietary blend of alkylphenol ethoxylate, glycol ether, phosphatic acid, and Dimethylpolysiloxane ..................................... 90%
Constituents ineffective as a spray adjuvant.................................... 10%
All ingredients are exempt from tolerance under 40 CFR 180.

**KEEP OUT OF REACH OF CHILDREN**
DANGER
Causes skin irritation. Causes serious eye damage. Harmful if inhaled. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust, fume, gas, mist, vapors or spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Wear protective gloves, protective clothing, eye protection and face protection.

**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 IN EYES:** Immediately call a poison center, doctor or physician. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing for several minutes.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. If skin irritation occurs: Get medical advice or attention.

**IF SWALLOWED:** Immediately call a poison center, doctor or physician. Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Do NOT induce vomiting.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**
FOR USE WITH AGRICULTURAL AND INDUSTRIAL PESTICIDE PRODUCTS.
AMPLIFY is a concentrated nonionic surfactant (NIS) that improves the performance of active ingredients by significantly increasing wetting and uniform coverage of the target surface.
AMPLIFY enhances retention and permeation of the spray application. Formulated with a defoamer for easier mixing.

**DIRECTIONS FOR USE**
NOT FOR AQUATIC USE
Follow the recommendations of the most restrictive active ingredient label. Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.
Use caution when applying with pesticides that are adversely affected by low pH.

**USAGE RATES:**

<table>
<thead>
<tr>
<th>TYPE OF APPLICATION</th>
<th>PER 100 GALLONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utility and Highway R.O.W.</td>
<td>1/2 to 4 Pints</td>
</tr>
<tr>
<td>Forest Site Preparation</td>
<td>2 to 4 Pints</td>
</tr>
<tr>
<td>Agriculture, citrus and turf</td>
<td>1/2 to 2 Pints</td>
</tr>
</tbody>
</table>

**NOTE:** Always follow pesticide labeling directions, and use rates, for nonionic surfactant as recommended by the manufacturer. Before using AMPLIFY where a nonionic surfactant may not be recommended, the user or applicator advisor must have experience with the combination, or must have conducted a phytotoxicity trial.

**STORAGE AND HANDLING**
Stored locked up. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F. Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

**CONTAINER DISPOSAL**
Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

**WARRANTY**
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

**Tech Matrix**

<table>
<thead>
<tr>
<th>Tech Matrix</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Surfactant Load</td>
<td>80%</td>
</tr>
<tr>
<td>Contains Antifoam</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Manufactured for:

[Logo] 1324 N. Feurdean Ave., Ste 120 Shreveport, LA 71107 1-800-756-5500
INGREDIENTS:
Active Ingredients: Alky polyethoxy ethers and other ethoxylated derivatives ............................................. 92%
Components ineffective as adjuvant .................................. 8%
TOTAL ........................................................................... 100%
Concentrated Nonionic Surfactant

KEEP OUT OF REACH OF CHILDREN
WARNING
Do not take internally. Avoid skin contact. May cause skin and eye irritation.

WARNING
Causes Serious Eye Irritation
Wash hands thoroughly after handling. Wear appropriate eye protection. Dispose of container in accordance with local, state and federal regulations.

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 attention.

CHARACTERISTICS
CHAMPION is a concentrated surfactant that is excellent in the forestry, rights of way, Utility, aquatic, agriculture, and turf market. Ingredients in CHAMPION are exempt from the requirements of tolerance under Title 40.

DIRECTIONS FOR USE
Utility rights of way and roadside foliar: 1/2 pint to 2 quarts per 100 gallons
Forest site preparation: 1 to 2 quarts per 100 gallons or 8 to 32 ounces per acre
Aquatic/surface: 1/2 pint to 2 quarts per 100 gallons
Aquatic/submerged: 1 to 2 gallons per 100 gallons
Agriculture, citrus, turf: 1/2 to 2 pints per 100 gallons

WARRANTY
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Tech Matrix
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Virgin Ingredients</td>
<td>100%</td>
</tr>
<tr>
<td>Active Ingredients</td>
<td>92%</td>
</tr>
<tr>
<td>Surfactant Load</td>
<td>80%</td>
</tr>
<tr>
<td>HLB</td>
<td>13.7</td>
</tr>
<tr>
<td>Antifoam Index</td>
<td>✓</td>
</tr>
</tbody>
</table>
**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Read label before use. Keep away from heat, sparks, open flames or hot surfaces – No smoking. Keep container tightly closed. Keep only in original container. Avoid breathing dust, fume, gas, mist, vapors or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection and face protection. In case of fire: Use Foam, Dry Chemical, CO2, Water Spray to extinguish. Store in a well-ventilated place. Keep cool. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

**FIRST AID**

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

**IF IN EYES:** Immediately call a POISON CENTER, doctor or physician. Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap and water for several minutes. Call a poison center, doctor or physician to specify the appropriate source of emergency medical advice if you feel unwell.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Call a poison center, doctor or physician to specify the appropriate source of emergency medical advice if you feel unwell.

**IF INHALED:** Remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible. Call a POISON CENTER, doctor or physician if you feel unwell.

**GENERAL INFORMATION**

**DIVINE** is a multi-functional adjuvant designed to lower pH of spray solutions, thus preventing alkaline hydrolysis of pesticides sensitive to high pH. **DIVINE** has low foam surfactant system which enhances the activity and performance of herbicides, insecticides, fungicides, foliar nutrients and plant growth regulators. **DIVINE** provides more uniform coverage by decreasing surface tension of spray solutions, thus helping in penetration. Application may be by ground or air with pesticides recommending a nonionic surfactant to all crops, non-crop, turf, aquatic and ornamental. **DIVINE** will reduce drift hazard by reducing spray droplet fines, for most water soluble and dispersible pesticides.

**DIRECTIONS FOR USE**

Some pesticides have stated adjuvant use rates. The pesticide manufacturer’s label should be consulted regarding specific adjuvant use rates. Always agitate tank-mix solutions thoroughly when adding the suggested use rate as listed. Continue agitation while adding the recommended amount of pesticide, continuing agitation prior to spray application.

**APPLICATION RATES**

- **Highly alkaline water (pH 8 or higher):** 8 to 16 oz. per 100 gallons of spray solution.
- **Mildly alkaline/acid water (pH 6.5 to 8):** 4 to 8 oz. per 100 gallons of spray solution.

**GENERAL USE:**

- Herbicides and Defoliants: 1 to 4 pints per 100 gallons of spray solution.
- Insecticides, Fungicides, and Fertilizers: 1/2 to 2 pints per 100 gallons of spray solution.
- Turf, Ornamental, Industrial: 1 to 4 pints per 100 gallons of spray solution. (1 to 3 oz. per 5 gallons).
- Drift Retardant: 1 to 2 quarts per 100 gallons of spray solution.
- Aquatics: 1 to 4 pints per 100 gallons (1 to 3 oz. per 5 gallons) of spray solution.

**NOTE:** Before treating a large area, test a small area and observe prior to full-scale application.

**CLEAN UP:** Rinse spray tank after each use and flush thoroughly. Do not contaminate water sources, by runoff from cleaning of equipment wash waters or spray waste. Dispose of container in proper manner, do not reuse.

**STORAGE AND DISPOSAL**

Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

**WARRANTY**

Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

**APPLICATION RATES**

- Highly alkaline water (pH 8 or higher): 8 to 16 oz. per 100 gallons of spray solution.
- Mildly alkaline/acid water (pH 6.5 to 8): 4 to 8 oz. per 100 gallons of spray solution.

**GENERAL USE:**

- Herbicides and Defoliants: 1 to 4 pints per 100 gallons of spray solution.
- Insecticides, Fungicides, and Fertilizers: 1/2 to 2 pints per 100 gallons of spray solution.
- Turf, Ornamental, Industrial: 1 to 4 pints per 100 gallons of spray solution. (1 to 3 oz. per 5 gallons).
- Drift Retardant: 1 to 2 quarts per 100 gallons of spray solution.
- Aquatics: 1 to 4 pints per 100 gallons (1 to 3 oz. per 5 gallons) of spray solution.

**NOTE:** Before treating a large area, test a small area and observe prior to full-scale application.

**CLEAN UP:** Rinse spray tank after each use and flush thoroughly. Do not contaminate water sources, by runoff from cleaning of equipment wash waters or spray waste. Dispose of container in proper manner, do not reuse.

**STORAGE AND DISPOSAL**

Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

**WARRANTY**

Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

**GENERAL INFORMATION**

**DIVINE** is a multi-functional adjuvant designed to lower pH of spray solutions, thus preventing alkaline hydrolysis of pesticides sensitive to high pH. **DIVINE** has low foam surfactant system which enhances the activity and performance of herbicides, insecticides, fungicides, foliar nutrients and plant growth regulators. **DIVINE** provides more uniform coverage by decreasing surface tension of spray solutions, thus helping in penetration. Application may be by ground or air with pesticides recommending a nonionic surfactant to all crops, non-crop, turf, aquatic and ornamental. **DIVINE** will reduce drift hazard by reducing spray droplet fines, for most water soluble and dispersible pesticides.

**DIRECTIONS FOR USE**

Some pesticides have stated adjuvant use rates. The pesticide manufacturer’s label should be consulted regarding specific adjuvant use rates. Always agitate tank-mix solutions thoroughly when adding the suggested use rate as listed. Continue agitation while adding the recommended amount of pesticide, continuing agitation prior to spray application.

**APPLICATION RATES**

- Highly alkaline water (pH 8 or higher): 8 to 16 oz. per 100 gallons of spray solution.
- Mildly alkaline/acid water (pH 6.5 to 8): 4 to 8 oz. per 100 gallons of spray solution.

**GENERAL USE:**

- Herbicides and Defoliants: 1 to 4 pints per 100 gallons of spray solution.
- Insecticides, Fungicides, and Fertilizers: 1/2 to 2 pints per 100 gallons of spray solution.
- Turf, Ornamental, Industrial: 1 to 4 pints per 100 gallons of spray solution. (1 to 3 oz. per 5 gallons).
- Drift Retardant: 1 to 2 quarts per 100 gallons of spray solution.
- Aquatics: 1 to 4 pints per 100 gallons (1 to 3 oz. per 5 gallons) of spray solution.

**NOTE:** Before treating a large area, test a small area and observe prior to full-scale application.

**CLEAN UP:** Rinse spray tank after each use and flush thoroughly. Do not contaminate water sources, by runoff from cleaning of equipment wash waters or spray waste. Dispose of container in proper manner, do not reuse.

**STORAGE AND DISPOSAL**

Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

**WARRANTY**

Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

**GENERAL INFORMATION**

**DIVINE** is a multi-functional adjuvant designed to lower pH of spray solutions, thus preventing alkaline hydrolysis of pesticides sensitive to high pH. **DIVINE** has low foam surfactant system which enhances the activity and performance of herbicides, insecticides, fungicides, foliar nutrients and plant growth regulators. **DIVINE** provides more uniform coverage by decreasing surface tension of spray solutions, thus helping in penetration. Application may be by ground or air with pesticides recommending a nonionic surfactant to all crops, non-crop, turf, aquatic and ornamental. **DIVINE** will reduce drift hazard by reducing spray droplet fines, for most water soluble and dispersible pesticides.

**DIRECTIONS FOR USE**

Some pesticides have stated adjuvant use rates. The pesticide manufacturer’s label should be consulted regarding specific adjuvant use rates. Always agitate tank-mix solutions thoroughly when adding the suggested use rate as listed. Continue agitation while adding the recommended amount of pesticide, continuing agitation prior to spray application.
**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: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. 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 another emergency number immediately. If person is breathing, give 2 breaths if needed, then call for additional assistance.

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**

FOR USE WITH PRODUCTS REGISTERED FOR: AGRICULTURAL, FORESTRY INDUSTRIAL, MUNICIPAL, NON-CROPLAND, ORNAMENTAL, RIGHTS-OF-WAY, TURF AND OTHER USES.

**IMPERIAL** is a water conditioning agent which promotes herbicide performance by modifying elements such as pH and hardness of the spray water. To aid in herbicide uptake, a blend of ammonium sulfate and ammoniacal nitrogen have been added along with buffers, sequestants and chelating agents to condition the spray water.

Hard water and high pH can minimize the efficiency of certain pesticides. Ammoniacal nitrogen is known to be an effective uptake enhancer for herbicides by several plant species and by conditioning the spray water and providing a source of ammoniacal nitrogen, **IMPERIAL** positively affects herbicide spray applications.

Do not use **IMPERIAL** with herbicides that are not compatible in acidic conditions or low pH.

Do not use with sulfonyl urea herbicides.

Do not use with tank mixes utilizing fixed copper fungicides such as cupric hydroxide, basic copper, COPPER COUNT N or copper oxychloride.

Do not apply this product in such a manner as to directly or through drift, expose workers or other persons.

Always jar test **IMPERIAL** with tank mix herbicides prior to mixing. Applicator must have experience with this product or conduct a phytotoxicity trial or use the directions from the products used in the tank mix.

**DIRECTIONS FOR USE**

READ AND FOLLOW DIRECTIONS FOR USE ON HERBICIDE LABELS. NOT FOR AQUATIC USE

It is recommended to use test areas when applying during high humidity, high temperatures or other possible situations where field practice is restricted.

1. Fill tank half full of water and begin agitation.
2. Add desired rate of **IMPERIAL** to water before adding pesticides.
3. Add pesticides, as directed by label, while maintaining agitation.

NOTE: If pesticide label recommends the addition of a surfactant follow instructions accordingly. **IMPERIAL** is not a replacement for a surfactant.

**RECOMMENDED USE RATES**

Ground: Apply at the rate of 1-4 pints per acre in 100 gallons of spray (0.125 - 0.50% v/v).

Aerial: Use 2-4 pints per 100 gallons of spray (0.25 - 0.50% v/v).

**Water Conditioning:** Use 2-4 pints per 100 gallons of water as a general use water conditioning agent for pH reduction and hard water sequestering.

**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.

**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.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

**WARRANTY**

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

**Tech Matrix**

<table>
<thead>
<tr>
<th>Virgin Ingredients</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Ingredients</td>
<td>52%</td>
</tr>
<tr>
<td>Sequestering</td>
<td>(i)</td>
</tr>
<tr>
<td>Buffering</td>
<td>(i)</td>
</tr>
<tr>
<td>Chelating</td>
<td>(i)</td>
</tr>
</tbody>
</table>

Manufactured for:
Vomiting may cause aspiration pneumonia.

Note to physicians or first aid providers:

and then give artificial respiration, preferably mouth to mouth if possible.

comfortable for breathing. If person is not breathing, call 911 or an ambulance,

IF INHALED:

Remove victim to fresh air and keep at rest in a position

an unconscious person.

Have the person rinse mouth with water, if able. Do not give anything by mouth to
induce vomiting. Unless advised otherwise by a poison control center or doctor,

Immediately call poison center, doctor or physician. Do not

IF SWALLOWED:

or rash occurs: Get medical advice or attention.

Take off contaminated clothing and wash it before

lenses if present and easy to do then continue rinsing.

IF IN EYES:

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 IN EYES: Rinse cautiously with water for several minutes. Remove contact
lenses if present and easy to do then continue rinsing.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before
reuse. Wash with plenty of soap and water for several minutes. If skin irritation
or rash occurs: Get medical advice or attention.

IF SWALLOWED: Immediately call poison center, doctor or physician. Do not
induce vomiting. Unless advised otherwise by a poison control center or doctor,
have person rinse mouth with water, if able. Do not give anything by mouth to
an unconscious person.

IF INHALED: Remove victim to fresh air and keep at rest in a position
comfortable for breathing. If person is not breathing, call 911 or an ambulance,
and then give artificial respiration, preferably mouth to mouth if possible.

Note to physicians or first aid providers: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

**KEEP OUT OF REACH OF CHILDREN DANGER**

Combustible liquid. May be fatal if swallowed and enters airways. Causes
skin irritation. May cause an allergic skin reaction. Read label before use.
Keep away from heat, sparks, open flames and hot surfaces. No smoking.
Keep container tightly closed. Keep only in original container. Avoid
breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash hands thoroughly
after handling. Do not eat, drink or smoke when using this product.
Contaminated work clothing must not be allowed out of the work place.
Wear protective gloves, protective clothing, eye protection, and face
protection.

**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 IN EYES:** Rinse cautiously with water for several minutes. Remove contact
lenses if present and easy to do then continue rinsing.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before
reuse. Wash with plenty of soap and water for several minutes. If skin irritation
or rash occurs: Get medical advice or attention.

**IF SWALLOWED:** Immediately call poison center, doctor or physician. Do not
induce vomiting. Unless advised otherwise by a poison control center or doctor,
have person rinse mouth with water, if able. Do not give anything by mouth to
an unconscious person.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position
comfortable for breathing. If person is not breathing, call 911 or an ambulance,
and then give artificial respiration, preferably mouth to mouth if possible.

**Note to physicians or first aid providers:** Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

**DIRECTIONS FOR USE**

<table>
<thead>
<tr>
<th>Type of Herbicide Application</th>
<th>HIGH VOLUME GROUND APPLICATION per 100 gal</th>
<th>HIGH VOLUME GROUND &amp; AERIAL APPLICATION per acre</th>
<th>LOW VOLUME GROUND &amp; AERIAL APPLICATION per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utility Rights-of-Way and Roadside Foliar</td>
<td>1 pint - 2 quarts</td>
<td>1 pint - 2 quarts</td>
<td>1 pint - 2 quarts</td>
</tr>
<tr>
<td>Forest Site Preparation</td>
<td>1 - 2 quarts</td>
<td>1 - 2 quarts</td>
<td>1 - 2 quarts</td>
</tr>
<tr>
<td>Aquatic - surface</td>
<td>1 pint - 2 quarts</td>
<td>1 pint - 2 quarts</td>
<td>1 pint - 2 quarts</td>
</tr>
<tr>
<td>Aquatic - submerged</td>
<td>1 - 2 gallons</td>
<td>1 - 2 gallons</td>
<td>1 - 2 gallons</td>
</tr>
<tr>
<td>Aquatic/Citrus/Turf</td>
<td>1 - 2 pints</td>
<td>1 - 2 pints</td>
<td>1 - 2 pints</td>
</tr>
</tbody>
</table>

**GENERAL INFORMATION**

**INFILTRATOR** is a wetting agent, activator and penetrant all in one.

**INFILTRATOR** helps break down the waxy cuticle on the leaf surface and helps
penetrate the bud and bark area (of the woody bush), allowing a more effective
uptake of the herbicide.

**INFILTRATOR** is a byproduct of the forest industry, a low viscosity oil.

**INFILTRATOR** is compatible with most terrestrial and aquatic herbicides,
insecticides and other pesticides.

Follow the recommendations of the most restrictive active ingredient label.
Tank mixtures should only be applied within the label recommendations of
every product in the tank mixture.

**OTHER APPLICATIONS**

Low Volume Basal & Dormant Brush: Increase bark penetration. See herbicide
label for rates.

Forest Conifer Release: **INFILTRATOR** may reduce selectivity of herbicide with
over-the-top application. Read herbicide label for rates.

**INFILTRATOR** can be used with insecticides, fungicides, growth regulators and
biostimulants at various rates as determined by label and field experience.

Comments: Percent concentration of **INFILTRATOR** varies with total volume
used per acre and type of application.

FLASHPOINT: 155° F - Combustible. The use of **INFILTRATOR** in concentrated
form or in dilutions of 10% or more could cause defoliation or burn to
vegetation.

NOTE: Weather conditions may have an effect on the amount of herbicides
necessary. Warm, sunny days require less; cool and cloudy days require more.

**INFILTRATOR** is non-corrosive to metal and chemical resistant hose; in
continued use it is detrimental to rubber and plastic.

**STORAGE AND DISPOSAL**

STORAGE: Stored locked up. Store in a cool well-ventilated place. Keep in
original container tightly closed. Do not reuse empty container. Do not store
with food, feed, or other material to be used or consumed by humans or
animals. Do not contaminate water supplies. For optimal storage, store
between 40° and 90° F

DISPOSAL: Do not contaminate water, food or feed by storage or disposal.
Dispose of contents in container to an approved waste disposal facility in
accordance with all local, regional, national and international regulations. Triple
rinse (or equivalent) adding rinse water to application tank. Offer container for
recycling or dispose of in a sanitary landfill or by other procedures approved by
local regulations.

**WARRANTY**

Seller warrants that this product conforms to its chemical description and is
reasonably fit for the purpose stated on the label when used in accordance with
directions under normal conditions of use, but neither this warranty nor any other
warranty of merchantability or fitness for a particular purpose, expressed or implied,
extends to the use of this product contrary to the label instruction, or any abnormal
conditions, or under conditions not reasonably foreseeable to the seller, and buyer
assumes the risk of any such use.

**MANUFACTURED FOR:**

azelis
SPECIALTY AGRI/HORTI
1324 N. Hearne Ave., Ste 120
Shreveport, LA 71107
1-860-256-3344
Polydimethylsiloxane Emulsion
A next generation antifoam product for use as a cost effective defoamer for pesticide applications

PRINCIPAL FUNCTIONING AGENTS:
A proprietary blend of silica Filled Polydimethylsiloxane and Constituents ineffective as spray adjuvant ................. 100%
All ingredients are exempt from the requirements of a tolerance as specified in 40 CFR 180.910

FIRST AID
If in eyes: Immediately flush eyes with plenty of water, lifting the eyelids. Remove contact lenses, if present, then continue rinsing. Get medical attention
If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water. Get medical attention
If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance. Call poison control center or doctor for treatment advice.
If swallowed: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.
If an adverse reaction occurs after exposure, promptly start the recommended procedures above.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
Classification: Not classified
GHS label elements
Signal Word: No signal word
Hazard statements: No known significant effects or critical hazards
Precautionary statements
General: Not applicable
Prevention: Not applicable
Response: Not applicable
Storage: Not applicable
Disposal: Not applicable

PERSONAL PROTECTIVE EQUIPMENT
USER SAFETY RECOMMENDATIONS
Applicators and other handlers must wear longsleeved shirt and long pants, impermeable or chemical resistant gloves, protective eyewear, and shoes plus socks. 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 laundry
User should:
Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove clothing immediately if pesticide gets inside. Wash thoroughly and put on clean clothing.
Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

PRODUCT INFORMATION
KNOCKDOWN is an active antifoam emulsion designed for effective use with most surfactants in aqueous formulations, over a broad pH range. It is particularly effective with nonionic surfactants.

DIRECTIONS FOR USE
For best results, the emulsion should be mixed before use.
For best results, add KNOCKDOWN to the tank mix before adding the agricultural chemicals.

Recommendations:
Suggested starting concentrations are 1/4 oz. to 1/2 oz per 300 - 500 gallons.
NOTE: Effectiveness will depend upon composition of spray mixture, temperature, etc. Adjust KNOCKDOWN foam control agent concentration as necessary to achieve desired foam control.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.
Storage: Keep in original container. Store in cool, dry place. Protect from excessive heat. Do not store below 4°C as product will freeze.
Product Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Container Disposal: Do not reuse empty container. Triple rinse during mixing and loading. Offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill.

WARRANTY
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:
**BEGINNING OF DOCUMENT**

**PRINCIPAL FUNCTIONING AGENTS:**
A proprietary blend of silicone and other nonionic surfactants... 100%

TOTAL: ........................................................................................................... 100%

All ingredients are exempt from tolerance under 40 CFR 180.

**KEEP OUT OF REACH OF CHILDREN WARNING**
Causes serious eye irritation. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust, fume, gas, mist, vapors or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. In case of inadequate ventilation, wear respiratory protection. Wear protective gloves, protective clothing, eye protection and face protection.

**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 IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap and water for several minutes.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**
MARVEL is a premium surfactant blend that provides the thorough spreading and wetting of the target that is expected of an organosilicone surfactant with less tendency to run off the surface.

MARVEL improves coverage and encourages penetration of the pesticide through waxy and water resistant surfaces at lower use rates than conventional surfactants.

**DIRECTIONS FOR USE**
Follow the recommendations of the most restrictive active ingredient label.

Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

Use only if a nonionic silicone surfactant, is allowed or not excluded on the label.

MARVEL does not contain ammonium sulfate.

When applied as directed, MARVEL is compatible with most pesticides and fertilizers.

Do not pre-mix with pesticides, nutrients or other adjuvants before mixing with water.

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
Prior to mixing, fill the spray tank with half of the carrier. Start the sprayer and check to make sure that all valves and gauges work and that there is adequate tank agitation.

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

Continue agitation and add MARVEL. When all components have been added, reduce agitation and allow mixing for 1 to 2 minutes. While under minimal agitation, continue filling tank and mix for 10-15 minutes prior to application.

**NOTE:** For best results, apply immediately or within 36 hours of making the tank mix.

**USE RATES**
Application MARVEL per 100 gallons
Ground 12 to 64 ounces
Aerial 12 to 32 ounces
Aquatic 8 to 32 ounces
General Wetter/Spreader 6 to 12 ounces

MARVEL provides excellent coverage at low use rates; the applicator is advised to observe the spray performance to determine the best rate under his current field conditions. Do not spray to runoff.

**STORAGE AND DISPOSAL**
Storage: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90°F.

Disposal: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

**WARNING**
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

**Tech Matrix**

<table>
<thead>
<tr>
<th>Surfactant Type</th>
<th>OSS Blend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Tension</td>
<td>24 dyn/cm</td>
</tr>
<tr>
<td>Contact Angle</td>
<td>23°</td>
</tr>
<tr>
<td>Humectants</td>
<td>☑</td>
</tr>
</tbody>
</table>

Manufactured for:

**SPECIALSETTY
AGRI/HORTI**

1324 N. Hearne Ave., Ste 120 Shreveport, LA 71107
1-866-256-3544
**PRINCIPAL FUNCTIONING AGENTS:**
Modified Vegetable Oil and Nonionic Emulsifiers .......................... 100%
All ingredients are exempt from tolerance requirements under 40 CFR 180.

**KEEP OUT OF REACH OF CHILDREN**
WARNING
May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be harmful if inhaled.

**PRECAUTIONARY STATEMENTS**
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Keep out of reach of children. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust, fume, gas, mist, vapors, spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection, face protection.

**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 IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye. If eye irritation persists: get medical advice/attention.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap and water for several minutes. If skin irritation occurs: Get medical advice/attention.

**IF SWALLOWED:** Call a POISON CENTER or doctor/physician if you feel unwell. Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**
NATURAL is designed for basal-bark and cut-surface brush control applications with oil-soluble herbicides, such as triclopyr, that are registered for woody plant vegetation control.

NATURAL can be used on industrial rights-of-way, forestry and other applications that require an oil diluent as a penetrant.

**DIRECTIONS FOR USE**
Use of this product is only recommended above freezing temperatures. Use below these temperatures will result in solid formation, which will cause nozzle plugging, etc.

Follow the directions on the pest control product label. Do not increase or decrease the amount of NATURAL beyond that allowed on the label.

NATURAL can be used at dilution of 15 to 25% pesticide in NATURAL when following the herbicide manufacturer’s label recommendations. Spraying promptly on mixing is the best plan. Leaving the mix tank to sit overnight, especially if temperatures will drop below the recommended temperatures, may result in solid formation. (See STORAGE)

---

**STORAGE**
Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

**HANDLING**
See precautionary statements. Use of precautions for handling the pest control agent are sufficient for protection when handling this product.

**DISPOSAL**
Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.

**WARRANTY**
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

**Tech Matrix**

<table>
<thead>
<tr>
<th>Functioning Ingredients</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surfactant Load</td>
<td>9%</td>
</tr>
<tr>
<td>Oil load</td>
<td>91%</td>
</tr>
<tr>
<td>Oil type</td>
<td>MSD</td>
</tr>
</tbody>
</table>

**Manufactured for:**

Red River S pecialties
1324 N. Hearne Ave., Ste 120 Shreveport, LA 71107
1-866-256-3344

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

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**

**ELITE PINNACLE** is a superior combination of modified vegetable oil with organosilicone and other emulsifiers to improve wetting, spreading, and absorption of pesticides.

**ELITE PINNACLE** increases deposition of spray droplets and enhances pesticide performance by improving penetration of the active ingredient into foliage resulting in more effective weed control.

**ELITE PINNACLE** may be used for aquatic or terrestrial applications such as agricultural crops, industrial, right-of-way, pasture, rangeland, turf and other sites recommending the use of an oil adjuvant.

**ELITE PINNACLE** is designed as a tank mix additive for use with any pesticide that requires or recommends the use of an oil including Detail®, Frequency®, Perspective®, Clearstand®, Streamline®, Esplande®, Viewpoint®, Opensight®, and Vista®.

**ELITE PINNACLE** meets ASTM standards, and all pesticide manufacturer’s label requirements, for a modified vegetable oil or MSO.

**DIRECTIONS FOR USE**

**ELITE PINNACLE** may be applied by ground or air. Add **ELITE PINNACLE** to spray tank last, after all pesticides and other additives.

**Ground or aquatic:** 3 to 6 pints per 100 gallons of spray solution or according to label requirements.

**Common use rates:** 4 fluid ounces per acre; 8 to 24 fluid ounces per acre for brush or integrated vegetation management.

The lower end of the rates may be used under ideal conditions for weed control. The higher rates will be necessary when dry weather, mature weeds or other factors make control more difficult.

The application rates on this label are based on pesticide labels, which recommend the use of a methylated seed oil, modified seed oil, seed oil, modified vegetable oil or crop oil additives. Always follow the directions on the pesticide label.

The concentration of this product must never exceed the pesticide manufacturer’s recommended rate.

**NOTE:** Before using **ELITE PINNACLE**, the user; applicator or advisor must have experience with the combination or must have conducted a phytotoxicity trial and compatibility (jar) test.

**STORAGE AND DISPOSAL**

**Storage:** Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

**Disposal:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

**WARRANTY**

Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:

---

**PRINCIPAL FUNCTIONING AGENTS:**
Modified vegetable oil, and a blend of organosilicone and nonionic emulsifiers

**TOTAL:** Contains 84% Modified Vegetable Oil

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

Causes eye irritation. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection.
**USE RATES**

Follow the rates on the pesticide product label. If a rate is not specified or if they allow a wide range of use rates, follow the recommendations below:

<table>
<thead>
<tr>
<th>Application</th>
<th>Recommended Rate</th>
<th>Low Rate (1)</th>
<th>High Rate (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pints per 100 gallons of spray mix (%) of tank mix by volume</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ground, Aerial, CDA</td>
<td>2(0.25)</td>
<td>1(0.125)</td>
<td>4(0.5)</td>
</tr>
<tr>
<td>Aquatic</td>
<td>2(0.25)</td>
<td>1(0.125)</td>
<td>4(0.5)</td>
</tr>
</tbody>
</table>

(1) Use the low rate where weeds are very young and easy-to-kill, if allowed on label.
(2) Use the high rate during drought or when weeds are large and hardened off, if allowed on the label.

**STORAGE AND DISPOSAL**

Storage: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other materials that require or recommend the use of a nonionic surfactant. Other products may not. If the surfactant level is not stated on the competitive label, it may not meet the requirement on the label of the tank mix partner pesticide.

Disposal: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

**WARRANTY STATEMENT**

Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

**DIRECT DIRECTIONS FOR USE**

FOR USE WITH PRODUCTS REGISTERED FOR: AQUATIC, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND, ORNAMENTAL, RIGHTS-OF-WAY, TURF, AGRICULTURAL AND OTHER USES.

Follow the recommendations of the most restrictive active ingredient label. Tank mixtures should only be applied within the label recommendations of every product in the tank mixture. If the label does not state a specific order of addition, add PLATINUM last, after all other tank mix partners have been added but before final water addition. A defoamer is included in the formulation for easier mixing.

The addition of this and other products may cause phytotoxicity. Prior to the addition of PLATINUM to the tank, the user or advisor must have experience with the combination used in the tank or have conducted a phytotoxicity trial.

**Tech Matrix**

<table>
<thead>
<tr>
<th>Functioning Agents</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surfactant Load</td>
<td>70%</td>
</tr>
<tr>
<td>Aquatics</td>
<td></td>
</tr>
<tr>
<td>Contains Antifoam</td>
<td></td>
</tr>
</tbody>
</table>

Manufactured for:

[azelis](#) [RED RIVER](#)
PRINCIPAL FUNCTIONING AGENTS
Proprietary blend of paraffinic oil, emulsifiers and formulation aids.......................................................... 100%

KEEP OUT OF REACH OF CHILDREN
DANGER
May be fatal if swallowed and enters airways. Causes serious eye irritation. Read label before use. Keep container tightly closed. Keep only in original container. Do not eat, drink or smoke when using this product. Avoid breathing vapors or spray. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection.

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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. Get medical advice or attention.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

IF INHALED: Do NOT induce vomiting. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

GENERAL INFORMATION
PREMIER is a basal oil diluent formulated specifically for use with triclopyr and imazapyr mixes.
The emulsifier system and low viscosity oils in PREMIER remain effective when spraying in low temperature conditions.

DIRECTIONS FOR USE
Follow the recommendations of the most restrictive active ingredient label.
Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

PREMIER does not contain ammonium sulfate (AMS)

USE RATE
PREMIER can be used at dilution ratios of 1:4 (20%) or 1:3 (25%) when following the herbicide manufacturers' label recommendations.
PREMIER is designed for use with 15 - 20% triclopyr and 1 - 5% imazapyr v/v.

STORAGE AND DISPOSAL
Storage: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.
Disposal: Do not contaminate water, food or feed by disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

WARRANTY
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Tech Matrix

<table>
<thead>
<tr>
<th>Triclopyr Compatible</th>
<th>Imazapyr Compatible</th>
<th>Low Viscosity</th>
</tr>
</thead>
</table>

Manufactured for:

1324 N. Iearne Ave., Ste 120 Shreveport, LA 71107
1-866-256-3544
**PRINCIPAL FUNCTIONING AGENTS**

Proprietary blend of paraffinic oil, emulsifiers and formulation aids.......................................................... 100%

**KEEP OUT OF REACH OF CHILDREN DANGER**

May be fatal if swallowed and enters airways. Causes serious eye irritation. Read label before use. Keep container tightly closed. Keep only in original container. Do not eat, drink or smoke when using this product. Avoid breathing vapors or spray. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection.

**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 IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. Get medical advice or attention.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Do NOT induce vomiting. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**

**PREMIER BLUE** is a basal oil diluent formulated specifically for use with triclopyr and imazapyr mixes.

The emulsifier system and low viscosity oils in **PREMIER BLUE** remain effective when spraying in low temperature conditions.

**DIRECTIONS FOR USE**

Follow the recommendations of the most restrictive active ingredient label.

Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

**PREMIER BLUE** does not contain ammonium sulfate (AMS)

**USE RATE**

**PREMIER BLUE** can be used at dilution ratios of 1:4 (20%) or 1:3 (25%) when following the herbicide manufacturers' label recommendations.

**PREMIER BLUE** is designed for use with 15 - 20% triclopyr and 1 - 5% imazapyr v/v.

**STORAGE AND DISPOSAL**

Storage: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Disposal: Do not contaminate water, food or feed by disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

**WARRANTY**

Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

---

**Tech Matrix**

<table>
<thead>
<tr>
<th>Triclopyr Compatible</th>
<th>☑</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imazapyr Compatible</td>
<td>☑</td>
</tr>
<tr>
<td>Low Viscosity</td>
<td>☑</td>
</tr>
<tr>
<td>Blue Dye</td>
<td>☑</td>
</tr>
</tbody>
</table>

---

Manufactured for:

**azelis**

SPECIALTY AGR/HORTI

1324 N. Iearne Ave., Ste 120 Shreveport, LA 71107
1-866-256-3344
PRINCIPAL FUNCTIONING AGENTS
Proprietary blend of paraffinic oil, emulsifiers and formulation aids.......................... 100%

KEEP OUT OF REACH OF CHILDREN
DANGER
May be fatal if swallowed and enters airways. Causes serious eye irritation. Read label before use. Keep container tightly closed. Keep only in original container. Do not eat, drink or smoke when using this product. Avoid breathing vapors or spray. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection.

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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. Get medical advice or attention.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

IF INHALED: Do NOT induce vomiting. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

GENERAL INFORMATION
PREMIER RED is a basal oil diluent formulated specifically for use with triclopyr and imazapyr mixes.

The emulsifier system and low viscosity oils in PREMIER RED remain effective when spraying in low temperature conditions.

DIRECTIONS FOR USE
Follow the recommendations of the most restrictive active ingredient label.

Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

PREMIER RED does not contain ammonium sulfate (AMS)

USE RATE
PREMIER RED can be used at dilution ratios of 1:4 (20%) or 1:3 (25%) when following the herbicide manufacturers' label recommendations.

PREMIER RED is designed for use with 15 - 20% triclopyr and 1 - 5% imazapyr v/v.

STORAGE AND DISPOSAL
Storage: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Disposal: Do not contaminate water, food or feed by disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

WARRANTY
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Tech Matrix

<table>
<thead>
<tr>
<th>Specimen Label</th>
</tr>
</thead>
</table>

Manufactured for:

[Logo] azelis

[Logo] RED RIVER SPECIALTIES

1324 N. Forth Ave., Ste. 120 Shreveport, LA 71107
1-800-216-3544
**KEEP OUT OF REACH OF CHILDREN DANGER**

May be corrosive to metals. Harmful if swallowed. Causes severe skin burn and eye damage. Causes serious eye damage. May be harmful if inhaled. Keep out of reach of children. Read label before use. Keep container tightly closed. Keep only in original container. May rupture unvented containers. Store in ventilated containers only. Keep only in original container. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

**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 IN EYES:** Immediately call a POISON CENTER, doctor or physician. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.

**IF ON SKIN OR CLOTHING:** Remove or take off immediately all contaminated clothing. Rinse skin with water or shower.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Do NOT induce vomiting.

**IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**

ELITE PYRO is a multi-functional adjuvant system engineered to augment pesticide performance by combining improved water quality for better tank mix stability with thorough target wetting. ELITE PYRO delays drying which allows the time needed for enhanced permeation of the active ingredient through resistant surfaces and a more efficient burndown of the intended target. The anti-foaming component helps to limit foam formation during tank mix agitation. ELITE PYRO reduces the pH of the tank mix.

**DIRECTIONS FOR USE**

ELITE PYRO is not recommended for use with phenoxy salts such as 2,4-D amine. Follow the directions on all pesticide labels. If the pesticide does not specify the use of a surfactant, water conditioner, and humectant, follow the directions below. Use only if a surfactant, water conditioner, and humectant is allowed or not excluded on the label. ELITE PYRO contains ammonium sulfate.

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.

**USE RATES**

<table>
<thead>
<tr>
<th>Application</th>
<th>Use Rate (Per 100 Gallons of Spray)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glyphosate, full load</td>
<td>1 - 2 quarts</td>
</tr>
<tr>
<td>Glyphosate, half load or unloaded</td>
<td>2 - 4 quarts</td>
</tr>
<tr>
<td>Most other pesticides</td>
<td>1 - 2 quarts</td>
</tr>
</tbody>
</table>

**STORAGE AND DISPOSAL**

Storage: Will corrode incompatible materials. Extremely corrosive to copper, aluminum, zinc. Corrosive to 304 and 316 stainless steel. Polyethylene or polypropylene or other polymers are acceptable materials of construction. Storage tanks should be vented and painted white or in light heat deflecting colors. Ensure that all pumps, valves, meters gaskets, etc are of compatible material. Store in a dry place. Store in a cool well ventilated area. Keep in original container tightly closed. May rupture unvented containers. Store in ventilated containers only. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Disposal: Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling deactivated 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. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

**WARRANTY**

Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:

1324 N. Iraeue Ave., Ste 120 Shreveport, LA 71107
1-860-256-3244
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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing for several minutes.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

IF SWALLOWED: Rinse mouth. Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

GENERAL INFORMATION
RADIANT is for use with industrial herbicides to form a sticky, elastic film that tenaciously holds the herbicide on the plant foliage applied by air or ground application. RADIANT reduces the effect of ultra-violet (UV) degradation of herbicides. The film allows the herbicide to feed into the foliage slowly, reducing foliage burn which reduces herbicide translocation. Apply sprays containing RADIANT at least one hour before an anticipated rain and during daylight to insure film set.

DIRECTIONS FOR USE
BRUSH CONTROL
Ground Application to Foliage
High Volume: 8 to 12 ounces per 100 gallons
Dicamba-containing products: use 12 to 16 ounces per 100 gallons of water.
Low Volume Concentrate - Back Pack: 1 to 2 ounces per 5 gallons of water.
Aerial Application Less than 100 gallons of spray mix per acre: 8 to 12 ounces per acre.
Glyphosate products such as glyphosate use 12 to 16 ounces per acre.
Bareground application: Use a minimum of 1 quart per 100 gallons of spray solution (0.25%) or more as required on the active ingredient label.

RIGHTS-OF-WAY AND INDUSTRIAL VEGETATION CONTROL SITES:
Roadsides, pipelines, tank dikes, ditch banks, along fences and on other non-crop areas: Use RADIANT with selective herbicides at 6 to 8 ounces per acre.
Use RADIANT at 6 to 8 ounces per acre with post-emergence non-selective herbicides such as glyphosate. RADIANT can also be used when post-emergence herbicides are tank mixed with pre-emergence herbicides.

FOR USE IN AQUATIC VEGETATION CONTROL:
To improve cattail control with aquatic glyphosate formulations, mix at the rate of 1 pint per 100 gallons.

FORESTRY USES:
To increase the efficiency of herbicides used in forest understory release programs and for site preparation, use RADIANT with herbicides such as, but not limited to glyphosate, triclopyr, or hexazinone, at the rate of 12 to 16 ounces per acre.
Plant Growth Regulator Treatments for grass growth control and seed head suppression: To improve the efficiency of plant growth regulator products such as imazapyr, metfluride and chlorosulfuron, add RADIANT to the spray mix at the rate of 6 to 8 ounces per acre.
Brush Control with fosamine apply RADIANT at 8 to 12 ounces per 100 gallons in high volume ground applications. For aircraft applications of fosamine use RADIANT at the rate 12 to 16 ounces per acre.

MIXING:
Add RADIANT to the spray tank as it is filling, with the agitator running to insure good mixing and emulsification of this product. Rinse tank, lines, and nozzles immediately after spraying, with water.

NOTES:
If spray happens to land on undesired surfaces, such as windows, cars, application equipment or others, it can be removed with soap and water, before the spray deposit is dry or with tar remover after the film has dried or set. To remove dried deposits from painted car surfaces, use standard tar remover products designed for use on painted car finishes.
Use this product in accordance with good practices, which include utilizing proven spray equipment set for proper coverage. Do not make applications when temperatures are too hot. Applications should be made at temperature levels, and when other environmental conditions in your area are such, that your experience indicates the application will be compatible, and will accomplish the desired result.

STORAGE AND DISPOSAL
STORAGE: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC webpage at www.acrcycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

WARRANTY
Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

Tech Matrix
Virgin Ingredients 100%
UV Inhibitors

Manufactured for:
**PRINCIPAL FUNCTIONING AGENTS:**

- Polymers and other active ingredients ........................................ 35%
- Ingredients ineffective as spray adjuvants .................................. 65%

**TOTAL..........................................................** 100%

All ingredients are exempt from tolerance requirements as specified in federal regulation 40 CFR 180.

---

**DO NOT FREEZE**

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

Causes skin irritation. Causes serious eye irritation.

---

**PRECAUTIONARY STATEMENTS**

Hazards to humans and domestic animals.

DO NOT FREEZE. Product will cause a slip hazard. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust, fume, gas, mist, vapors or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection and face protection. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

**SLIPPERY WHEN WET**

**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 IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing for several minutes. If eye irritation persists: get immediate medical attention.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. If skin irritation occurs: Get medical advice or attention.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then have the person receive artificial respiration preferably mouth to mouth if possible.

---

**GENERAL INFORMATION**

SECURE ULTRA is an effective, easy-to-use adjuvant, for deposition improvement, and drift retardation in spraying operations. SECURE ULTRA is designed for general use in standard ground and aerial applications, and is fully compatible with a wide variety of spray configurations, including those with new A.I. and other specialized drift reduction nozzles. Further, SECURE ULTRA is compatible in tank mix applications with a broad spectrum of crop protection pesticides, including the complete range of all branded and generic glyphosate formulations.

---

**DIRECTIONS FOR USE**

Dosages may be adjusted to compensate for environmental conditions or mechanical factors. Lower dosages may be used when spraying under calm winds, slow application speeds, low pressures, and lower boom heights with nozzles closer to the target. The greater the shear on the spray boom nozzle head, the greater the spray droplet fragmentation, which produces finer (mists) that may drift to non-targeted areas or evaporate. For best results in aerial application, use state-of-the-art techniques, such as pressure less than 45 psi and nozzles oriented 45 degrees back to straight back. SECURE ULTRA may be used with aquatic pesticides and in or near water.

---

**DOSEAGE CHART**

<table>
<thead>
<tr>
<th>Spray Pressure</th>
<th>Nozzle Orientation</th>
<th>SECURE ULTRA DOSAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerial applied below 45 psi</td>
<td>Straight Back</td>
<td>2 - 6 oz/ 100 gals</td>
</tr>
<tr>
<td>45° Angle Back</td>
<td>4 - 8 oz/ 100 gals</td>
<td></td>
</tr>
</tbody>
</table>

**GROUND APPLICATION**

| Low (below 30 psi) | Flat Fan, Flooding | 1 - 4 oz/ 100 gals |
| Off-Center | 3 - 5 oz/ 100 gals |

| Medium (30 - 50 psi) | Flat Fan, Flooding | 3 - 4 oz/ 100 gals |
| Off-Center | 4 - 6 oz/ 100 gals |

| Spray Guns | 5 - 8 oz/ 100 gals |

| High (over 50 psi) | Spray Guns | 8 - 32 oz/ 100 gals |

Higher spray pressure or greater agitation requires higher rates to maintain good drift control. If unacceptable drift is still occurring, add additional SECURE ULTRA in increments of 1 oz per 100 gal of spray solution.

**MIXING**

SECURE ULTRA is very concentrated, and performs effectively at ultra-low use rates, even as low as 1-4 oz per 100 gal of water. Start with low dosage rates and increase as needed. A thickened or "stringy" solution indicates, that too much SECURE ULTRA has been used.

Step 1: Select proper dosage for the spraying operation.

Step 2: Fill mix tank with water, pesticide, fertilizer, surfactant/ additives and agitate.

Step 3: Shake bottle well before using.

Step 4: For best mixing results, either (1) inject SECURE ULTRA liquid into the suction side of the feeder or recirculating pump to obtain adequate dispersion of the polymer throughout the pesticide solution, or (2) slowly add SECURE ULTRA liquid to the agitating tank mix at the area of highest turbulence.

Step 5: Continue to agitate mix tank for at least 3 minutes before spraying.

Step 6: Follow all cleanup precautions on label of pesticide used. Follow government procedures for disposal of pesticide spray solution.

---

**STORAGE AND DISPOSAL**

**PROTECT FROM FREEZING.**

Storage: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Disposal: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.

**WARRANTY:** Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

---

**Manufactured for:**

- **azelis SPECIALTY AGRIC/HORTI**
- **RED RIVER SPECIALTIES**

1324 N. Heure Ave., Ste 120, Shreveport, LA 71107
1-800-256-3344
PRINCIPAL FUNCTIONING AGENTS:
Acid blue 9 and ingredients ineffective as adjuvant...... 100%
TOTAL........................................................................... 100%

KEEP OUT OF REACH OF CHILDREN
Read label before use. Keep only in original container. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

FIRST AID
Call a poison control center or doctor immediately for treatment advice. Have the product container or label with you when call or going for treatment.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.
IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.
IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.
IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

GENERAL INFORMATION
SPLENDOR:
■ Is a temporary, water soluble, blue spray colorant - used to monitor spray applications.
■ Improves applications, and helps reduce spraying of unwanted areas.
■ May be used with foam markers, and industrial and forestry applications.
■ Works with any type of spray equipment, either hand held, back pack, or broadcast.

APPLICATION RATES
Suggested rates of SPLENDOR are as follows: Mix at rate of 2 to 4 ounces per 40 gallons of liquid (5-10 oz. per 100 gallons). The recommended concentration of SPLENDOR may be adjusted for specific operations. Higher dosage rates will increase the darkness of the spray pattern.

STORAGE AND DISPOSAL
STORAGE: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.
DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Dispose of contents / container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

WARRANTY
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Tech Matrix

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Dye</td>
<td>✔</td>
</tr>
<tr>
<td>Low Staining</td>
<td>✔</td>
</tr>
<tr>
<td>Concentrated Formulation</td>
<td>✔</td>
</tr>
</tbody>
</table>

Manufactured for:

[Company Logos]
GENERAL INFORMATION

SUPREME is a superior combination of modified vegetable oil with organosilicone and other emulsifiers to improve wetting, spreading, and absorption of pesticides.

SUPREME increases deposition of spray droplets and enhances pesticide performance by improving penetration of the active ingredient into foliage resulting in more effective weed control.

SUPREME may be used for aquatic or terrestrial applications such as agricultural crops, forestry, industrial, right-of-way, pasture, rangeland, turf and other sites recommending the use of an oil adjuvant.

SUPREME is designed as a tank mix additive for use with any pesticide that requires or recommends the use of an oil including Chopper® Gen2™. SUPREME meets ASTM standards, and all pesticide manufacturer’s label requirements, for a modified vegetable oil or MSO.

DIRECTIONS FOR USE

SUPREME may be applied by ground or air. Add SUPREME to spray tank last, after all pesticides and other additives.

Ground: Above 5 gallons per acre. Use 1 to 4 quarts per 100 gallons.

Aerial: 1.5 to 4 ounces per acre with a minimum of 0.25% v/v concentration. The lower end of the rates may be used under ideal conditions for weed control. Higher rates will be necessary when dry weather, mature weeds or other factors make control more difficult.

The application rates on this label are based on pesticide labels, which recommend the use of a methylated seed oil, modified seed oil, oil additive or crop oil additives. Always follow the directions on the pesticide label. The concentration of this product must never exceed the pesticide manufacturer’s recommended rate.

NOTE: Before using SUPREME, the user; applicator or advisor must have experience with the combination or must have conducted a phytotoxicity trial and compatibility (jar) test.

HANDLING AND STORAGE

Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

CONTAINER DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Dispose of contents / container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.

WARRANTY

Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Tech Matrix

<table>
<thead>
<tr>
<th>Active Ingredients</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organosilicone Load</td>
<td>16%</td>
</tr>
<tr>
<td>Contains Antifoam</td>
<td>陌生</td>
</tr>
<tr>
<td>Oil load</td>
<td>84%</td>
</tr>
<tr>
<td>Oil type</td>
<td>MSO</td>
</tr>
</tbody>
</table>

Manufactured for:

Azelis

Red River Specialties

1324 N. Hearn Ave., Ste 120

Steepley, LA 71107

1-866-256-3344
KEEPS OUT OF REACH OF CHILDREN

Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust, fume, gas, mist, vapors or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection and face protection.

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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. Have the product container with you when calling a poison control center or doctor, or going for treatment.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. Call a poison center or doctor to specify the appropriate source of emergency medical advice.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Immediately call a poison center or doctor to specify the appropriate source of emergency medical advice. DO NOT INDUCE VOMITING.

IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

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

GENERAL INFORMATION
ELITE VELOCITY is used as a spray adjuvant to improve deposition of spray droplets. ELITE VELOCITY improves spreading and reduces the production of fine droplets which are susceptible to movement from the spray pattern. The degree of drift hazard varies with the type of pesticide, application conditions and the vegetation near sprayed area. This product is intended as a management tool to reduce drift and improve deposition. Common sense and sound application technology must be followed when spraying pesticides.

ELITE VELOCITY does not produce large spray droplets like some polymer drift products. Internal cohesion of the components helps prevent droplet shearing into fines which move off target.

DIRECTIONS FOR USE
ELITE VELOCITY may be mixed with pesticides in conventional spray equipment but should be the last additive prior to completely filling the spray tank with water.

ELITE VELOCITY may be applied through direct injection systems when pumped with proper amount of water. Do not premix with EC’s or aqueous solutions. Ensure adequate rinse between additives.

APPLICATION RATES
Aerial and Ground Spraying Suggested Rates Per Acre
Herbicides and fungicides: 4 – 6 ounces of ELITE VELOCITY
Insecticides: 2 – 4 ounces of ELITE VELOCITY

NOTE: Do not exceed 1% v/v of the spray solution.

The addition of an adjuvant to some pesticides, pesticide combinations, and/or fertilizers may cause phytotoxicity to the foliage and/or fruit of susceptible crops or nontargeted vegetation. Prior to the addition of the product to a spray tank mix, the user or application advisor must have experience with the combination and/or must have conducted a jar test for compatibility.

Aquatic Use: ELITE VELOCITY can be used for aquatic applications including surface water. Always follow tank mix product labels for specific directions and precautions. ELITE VELOCITY use rate of 4-6 oz./A. Do not exceed 6 oz./A.

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.acrecycle.org. Decontaminated containers and ELITE VELOCITY materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

WARRANTY
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Tech Matrix
Deposition Aid / Drift Control
Canopy Penetration
Ground or Aerial application
Non Polymer / Guar Formulation
Non Shearing formulation Easy mix formulation

Manufactured for:

Specimen Label
**PRINCIPAL FUNCTIONING AGENTS:**
Anionic Surfactants, Ammonia and Sequestering Agents 100%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**
Causes severe skin burns and eye damage. Read label before use. Keep container tightly closed. Keep only in original container. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Immediately call a POISON CENTER or doctor/physician. Store locked up. Dispose of contents in container to an approved waste disposal facility in accordance with all local/regional/national/international regulations.

**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 IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. Have the product container with you when calling a poison control center or doctor, or going for treatment. If eye irritation persists: Get medical advice or attention.

**IF ON SKIN (hair) OR CLOTHING:** Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Take off contaminated clothing and wash it before reuse. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.

**F SWALLOWED:** Immediately call a POISON CENTER or doctor/physician. Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Do NOT induce vomiting.

**IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**
**VIGOR** is a powerful, superior grade spray tank cleaner that penetrates and solubilizes pesticide residues. **VIGOR** is tolerant to hard water, which causes spray tanks to accumulate high levels of residue. **VIGOR** is soluble and compatible with most spray tank materials. **VIGOR** neutralizes acid residues of pesticides, preparing the spray tank for the use of other products. Solubilization of residue spray materials will help to prevent damage from occurring to non-target plants.

**DIRECTIONS FOR USE**

**Large Volume Sprayers:** **VIGOR** is effective at dilution rates up to 1:400. One quart of **VIGOR** will treat up to 100 gallons of water. Adjust the dilution rate as needed for individual conditions. Each cleaning situation will vary and adjustments will be necessary. Be certain to circulate **VIGOR** treated solution, through the spray system for 10-15 minutes. Use a high-pressure sprayer or hose, to rinse all interior areas and spray tank walls. Purge hoses, spray lines, and nozzles for at least 1 minute with the cleaning solution. After cleaning, drain and flush entire system, including nozzles with clean water and rinse all tank and spray areas.

**Hand-Held and Back-Pack Sprayers:** Use approximately one ounce of **VIGOR** per gallon of water, agitate thoroughly, drain and follow with clean water rinse.

**SPECIAL PRECAUTIONS / RINSATE TESTING:** The use of **VIGOR** or other tank cleaners does not guarantee removal and/or neutralization of all residues. Some pesticides, such as 2,4-D and dicamba, may leave persistent or hard-to-remove residues. Many variables exist, which make consistent tank cleaning difficult (i.e., water quality, use of cleaning equipment, quantity and type of residue, age and condition of spray tank, spray lines, nozzles etc.). In order to ensure, that all residues have been removed, apply a sample of the rinse water to sensitive plants (tomato, cotton, ornamentals, etc.) and after sufficient time, observe for wilting or severe stress. If stress occurs, repeat cleaning process and retest as above.

**STORAGE, HANDLING AND DISPOSAL**

**HANDLING:** Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection.

**STORAGE:** Do not store near strong oxidizing materials, acids, and chlorine. Store locked up. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90°F.

**DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.

**WARRANTY**
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:

[Red River Specialties logo]

1324 N. Hearne Ave., Ste 120 Shreveport, LA 71107
1-866-256-3544

[ACRC logo]
Customers choose Red River Specialties, LLC as a single resource to purchase everything they need. Since we distribute herbicides in the aquatics, forestry, industrial, range and pasture, and rights-of-way markets, we offer our customers a one-stop shop for purchasing products. Several of our customers came to us because they were frustrated with the lack of attention and technical advice they were receiving. Red River Specialties provides customers with expert advisors nationwide, plus over 12 warehouses to ensure you receive product quickly. We understand the importance of products being available when you need them. As the premier provider of herbicides, our goal is to provide unparalleled customer service.

Whatever your market segment requirements may be, your local Red River Specialties representative is always available to assist you in getting the job done right. Count on Red River Specialties to go above and beyond. We want your business and are willing to earn it.
PRINCIPAL FUNCTIONING AGENTS:
Polyacrylamide Solution and Inert Ingredients.......................100%
All ingredients are exempt from tolerance requirements as specified in federal regulation 40 CFR 180.

KEEP OUT OF REACH OF CHILDREN
Avoid contact with skin, eyes or clothing. Do not take internally. Wear chemical-resistant eyewear and gloves, long-sleeve shirt and pants and shoes and socks. 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.

NOTE: Do not allow to freeze. Read and follow all label directions and cautions on all products used.

DEPOSITION AID / DRIFT RETARDANT

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: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. 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
1% SOLUTION is an effective, easy-to-use adjuvant for deposition improvement and drift retardation in spraying operations. 1% SOLUTION is compatible with most water-soluble and wettable powder pesticides, desiccants and cotton defoliants when applied by aerial application or standard ground spray equipment.

DIRECTIONS FOR USE
1. Select correct dosage from the dosage chart below.
2. Fill mix tank with water. Start to agitate.
3. If additional surfactant or other spray adjuvants are used, they may be added before 1% SOLUTION.
4. Add 1% SOLUTION.
5. Add pesticide.
6. Continue to agitate mix tank at least 2 minutes before spraying.

NOTE: The degree of drift hazard varies with the type of pesticide, application conditions, and vegetation near the sprayed area. Remember, pesticide drift is no accident. 1% SOLUTION will retard, but not totally eliminate the drift.

<table>
<thead>
<tr>
<th>DOSAGE CHART</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray Pressure</td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>Aerial Applied (below 45 psi)</td>
</tr>
<tr>
<td>GROUND APPLICATION</td>
</tr>
<tr>
<td>Low (below 30 psi)</td>
</tr>
<tr>
<td>Medium (30 - 50 psi)</td>
</tr>
<tr>
<td>High (50 - 150 psi)</td>
</tr>
</tbody>
</table>

*Per 100 gallons of spray solution.
**For home garden sprayers, use approximately 1/4 cup of 1% Solution per 5 gallons spray solution.

STORAGE AND DISPOSAL
Protect from freezing. Store at temperatures between 45°F and 90°F. To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment. Do not contaminate water, food or feed by storage or disposal. Keep container tightly sealed when not in use. Do not reuse container. Triple rinse or equivalent, and then offer for recycling or reconditioning or puncture and dispose of, in a sanitary landfill or by incineration, or burning if allowed by state and local authorities. If burned, stay out of smoke.

Warranty
Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk or any such use.

Manufactured for:

aze lis
SPECIALTY AGRI/HORTI
1324 N. Hearne Ave., Ste 120 Shreveport, LA 71107
1-800-256-3344
PRINCIPAL FUNCTIONING AGENTS
A proprietary blend of antifoaming agents, emulsifier and constituents ineffective as a spray adjuvant. 100% All ingredients are exempt from tolerance under 40 CFR 180.

PROTECT FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

Keep out of reach of children. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing mist, vapors, or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves /protective clothing/eye protection/ personal protective equipment as required.

FIRST AID

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash skin immediately with plenty of soap and water for several minutes.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

GENERAL INFORMATION

DEFOAMER is both an excellent defoamer that quickly dissipates even stable foam structures and an efficient antifoaming agent that prevents the further formation of tank mix foam.

Use of DEFOAMER will prevent foaming that can cause the loss of accurate pesticide rates through spillover during mix agitation and eliminate the regeneration of foam during field applications.

DIRECTIONS FOR USE

Follow the recommendations of the most restrictive active ingredient label.

Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

Use only if an antifoaming and a defoaming agent is allowed or not excluded on the label.

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.

Vigorous agitation, temperature variations and the characteristics of some actives may require an adjustment of the use rate.

USE RATES

Defoaming: Briefly stop agitation, and squirt or sprinkle DEFOAMER directly on surface foam that has already accumulated.

Add enough DEFOAMER to control foaming in the solution remaining in the tank.

Antifoaming: DEFOAMER should not be added to a dry tank. As the tank begins to fill, add the recommended amount of the active ingredient and then add DEFOAMER at a use rate of up to 2 ounces per 100 gallons of spray solution.

STORAGE AND DISPOSAL

Storage: Do NOT Freeze. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Disposal: Do not contaminate water, food or feed by storage or disposal. Dispose of contents / container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

Warranty Statement: Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:

azelis
SPECIALTY
AGRI/HORTI

RED RIVER
SPECIALTIES

1324 N. Hearne Ave., Ste 120 Shreveport, LA 71107
1-800-256-3344
RRSI ENHANCE
SURFACTANT/ PENETRANT/ DEPOSITION AID/ DRIFT CONTROL AGENT

PRINCIPAL FUNCTIONING AGENTS
A proprietary blend of soy methyl ester, oleic acid, alcohol ethoxylates .......................................................... 100%
All ingredients are exempt from tolerance requirements under 40 CFR 180.

KEEP OUT OF REACH OF CHILDREN
WARNING
Causes skin irritation. Causes serious eye irritation. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust, fume, gas, mist, vapors, spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection, face protection.

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

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. If skin irritation occurs: Get medical advice or attention.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

GENERAL INFORMATION
RRSI ENHANCE is a multi-functional adjuvant formulated with 100% functioning agents. RRSI ENHANCE is a non-ionic surfactant (NIS) that can be used with pesticides that suggest the use of a surfactant. This adjuvant system manages deposition, coverage, penetration and retards drift. RRSI ENHANCE does not actively modify the pH of the solutions and can be applied by ground or air.

RRSI ENHANCE spreads the spray solution uniformly on the plant surface, increases retention of the spray droplet, and improves penetration through the leaf surface structures. It prevents crystallization and slows drying time.

RRSI ENHANCE launches more of the spray droplets into the ideal droplet size. It optimizes the spray pattern by providing the proper overlap. Spray lines are minimized and the number of large droplets, that have a tendency to bounce off the target, are reduced.

DIRECTIONS FOR USE
Follow the recommendations of the most restrictive active ingredient label.
Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.
RRSI ENHANCE is compatible with most active ingredients.

APPLICATION RATES
May be used in aquatic applications; consult the relevant aquatic herbicide label for more information.
RRSI ENHANCE may be used forestry (site preparation and release), industrial (storage areas, plant sites, and other similar areas including governmental and private lands), grasslands (including pastures, rangeland and fence rows), rights-of-ways (utility, railroad and roadsides), turf (golf courses, parks and sod farms), ornamentals (container, field or greenhouse) and other turf, ornamental and landscaping sites. Refer to pesticide manufacturer’s label regarding definite adjuvant use recommendations and usage rates.

APPLICATION RATES
Non Crop Sites: 1 to 8 pints per 100 gallons (1 to 6 fluid ounces per 5 gallons) of spray mixture.
Herbicides (Terrestrial or Aquatic), Defoliants, Desiccants: 1 to 8 pints per 100 gallons of spray mixture when used as a penetrant.
Insecticides, Fungicides, Acaricides: 1/2 to 2 pints per 100 gallons of spray mixture.
Drift Reduction: 1 to 2 quarts per 100 gallons of spray mixture.
Turf and Ornamentals: 1/2 to 2 pints per 100 gallons (1/2 to 1-1/2 fluid ounces per 5 gallons) of spray mixture.

Note: This product has demonstrated excellent plant safety. Before treating a large area, test on a small area and observe prior to full-scale application.

STORAGE AND DISPOSAL
STORAGE: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.
DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Dispose of contents / container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

Warranty Statement
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:

Specimen Label
PRINCIPAL FUNCTIONING AGENTS:
Proprietary blend of foam agents and formulation aids......100.0%

KEEP OUT OF REACH OF CHILDREN
WARNING
May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be harmful if inhaled. Read label before use. Keep container tightly closed. Avoid breathing dust, fume, gas, mist, vapors or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection and face protection.

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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. If eye irritation persists: Get medical advice or attention
IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. If skin irritation occurs: Get medical advice or attention.
IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.
IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

GENERAL INFORMATION
FOAM MARKER is a durable, versatile foam marker designed to perform well under a wide range of conditions. FOAM MARKER contains an internal water conditioner so that it can be used with a wide range of water including hard water, soft water or any other kind that is acceptable to the foam equipment manufacturer.

FOAM MARKER is a highly concentrated synthetic foam blend containing special additives to give it good durability under adverse weather conditions. FOAM MARKER is designed to work well in most all water conditions without the addition of chemical softeners or treated water. FOAM MARKER will produce a tight, highly dense foam mass under a number of environmental conditions and has shown excellent durability.

DIRECTIONS FOR USE
FOAM MARKER may be used at dilutions that range from 120:1 to 80:1.
The normal usage rate in most water conditions will be 100:1 or 64 fl. oz. (1/2 gallon) of FOAM MARKER to 50 gallons of water.
If foam is runny add more FOAM MARKER in small increments, until desired consistency is achieved.
If foam is too thick, thin mixture with water.

HANDLING AND STORAGE
Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F. Keep liquid and vapors away from heat, sparks and flames.
If freezing occurs, thaw at room temperature. Roll drum frequently to assure homogeneity.

CONTAINER DISPOSAL
Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.

Warranty Statement: Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:

azelis SPECIALTY AGR/HORTI

RED RIVER SPECIALTIES

1324 N. Hearn Ave., Ste 120 Shreveport, LA 71107
1-800-256-3344
PRINCIPAL FUNCTIONING AGENTS:
Petroleum oils and surfactants .................................................99%
Components ineffective as an adjuvant.......................................1%
TOTAL ....................................................................................100%

KEEP OUT OF REACH OF CHILDREN
DANGER
May be fatal if swallowed and enters airways. Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust, fume, gas, mist, vapors or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protective equipment as required.

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing for several minutes.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

IF SWALLOWED: Immediately call a poison center, doctor or physician. Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration.

IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

GENERAL INFORMATION
FORESTRY OIL is a spray adjuvant to be used with herbicides, that need an oil adjuvant or crop oil concentrate. FORESTRY OIL may be used in Agricultural and Industrial Sites such as, Forestry Site Prep, Forestry Release, Ditchbank, Non-crop Applications, Utility & Roadside R.O.W.

DIRECTIONS FOR USE
Follow the directions on the pesticide label. If the label is not specific, follow the directions below.

High volume ground: 1 to 4 pints per 100 gallons.
Low volume ground or aerial: 2 to 4 pints per acre.
Arsenal release: 0.25% by volume.

STORAGE AND DISPOSAL
Storage: Store in a cool, dry place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Disposal: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

WARRANTY: Seller warrants that this product, when used as directed and in accordance with sound agricultural practices will retard drift and improve deposition in spraying operations, which utilize water-based and water emulsifiable solutions. Red River Specialties makes no warranty of fitness or merchantability. Red River Specialties’ maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no event shall Red River Specialties be liable for indirect or consequential damages. This warranty shall not be changed by oral or written agreement, unless signed by a duly authorized officer of Red River Specialties.

Manufactured for:

1324 N, Hearne Ave., Ste 120, Shreveport, LA 71107
1-800-756-3344
**KEEP OUT OF REACH OF CHILDREN**
Read label before use. Keep only in original container. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/ protective clothing/ eye protection/ face protection.

**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 IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**
**IVM MARKING DYE** is a temporary spray colorant for use in monitoring spray applications. **IVM MARKING DYE** improves applications, and helps reduce waste from spraying unwanted areas. It may be used with foam markers, industrial and forestry applications with any type of spray equipment, either hand held, back pack, or broadcast.

**APPLICATION RATES**
It is suggested that **IVM MARKING DYE** be mixed the rate of 2 to 4 ounces per 40 gallon of liquid (5-10 oz. per 100 gallons), however depending on treatment more or less dye might be needed. Note: The recommended concentration of **IVM MARKING DYE** may be adjusted for specific operations. Higher dosage rates will increase the darkness of the spray pattern.

**STORAGE AND DISPOSAL**
Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.
Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local / regional / national / international regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

**WARRANTY STATEMENT:** Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:

![Azelis Specialties Agri/Horti logo]

1324 N. Hearne Ave., Ste 120 Shreveport, LA 71107
1-800-256-3344
PRINCIPAL FUNCTIONING AGENTS:
Ammonium sulfate and polydimethylsiloxane.......................... 39%
Constituents ineffective as spray adjuvants............................ 61%
TOTAL.................................................................................. 100%

KEEP OUT OF REACH OF CHILDREN
Avoid contact with skin, eyes or clothing. Do not take internally. Wear chemical-resistant eyewear and gloves, long-sleeve shirt and pants and shoes and socks. 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.

FIRST AID
Call a poison control center or doctor immediately for treatment advice.
Have the product container or label with you when calling or going for treatment.
If Swallowed: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. 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
LIQUID AMS is a liquid ammonium sulfate adjuvant. When used according to label instructions, Liquid AMS delivers ammonium sulfate at a rate of 8.5 to 17 pounds of ammonium sulfate per 100 gallons of spray mix. LIQUID AMS also contains antifoam technology, so that undesirable tank foam is reduced and managed in spray applications with herbicides that are prone to produce foam.

DIRECTIONS FOR USE
LIQUID AMS is designed for use in herbicide applications that require or allow for the addition of spray-grade ammonium sulfate. LIQUID AMS may be used with registered herbicides in the following applications: Agricultural, Forestry, Industrial, Municipal, Non-Cropland, Ornamental, Rights-of-way, and other approved uses.

RECOMMENDED USE RATES
LIQUID AMS is recommended for use at a rate range from 2.5 to 5 gallons per 100 gallons of spray solution. When used at recommended rates within this range, LIQUID AMS delivers 8.5 to 17 pounds of ammonium sulfate per 100 gallons of spray solution.

MIXING INSTRUCTIONS
1. Fill the spray tank reservoir 1/3 to 1/2 full with water and begin agitation.
2. Add the required amount of LIQUID AMS to achieve the recommended use rate of 2.5 to 5 gallons per 100 gallons of spray solution.
3. Continue filling the spray tank with water and add the other tank mix components as directed on the pesticide label(s).
Note: It is important to always add LIQUID AMS first and prior to other tank mix products.

STORAGE AND DISPOSAL
Storage: Store in cool, dry place. Store in original container. Do not contaminate water sources by run-off from cleaning of equipment, disposal of rinse waters or spray mixtures.
Disposal: Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. Containers may also be disposed of in a sanitary landfill.

WARRANTY
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:

1324 N. Hearne Ave., Ste 120 Shreveport, LA 71107
1-800-256-3344
PRINCIPAL FUNCTIONING AGENTS:
Alkylarylpolyethylene glycols, free fatty acids
and components ineffective as an adjuvant..................100%

KEEP OUT OF REACH OF CHILDREN
WARNING
Causes serious eye irritation.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Read label before use. Keep container tightly closed. Keep only in
original container. Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling Do not eat, drink or smoke when
using this product. Wear protective gloves/ protective clothing/ eye
protection/ face protection.

Nonionic Low Foam Wetter/Spreader Adjuvant

FIRST AID
Call a poison control center or doctor immediately for treat-
ment advice. Have the product container with you when calling
a poison control center or doctor, or going for treatment.

IF IN EYES: Rinse cautiously with water for several minutes. Re-
move contact lenses if present, after the first 5 minutes, then con-
tinue cautiously rinsing eye. If eye irritation persists: get medical
advice or attention.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and
wash it before reuse. Wash skin with plenty of soap and water for
several minutes.

IF SWALLOWED: Call a POISON CENTER, doctor or physician if you
feel unwell. Unless advised otherwise by a poison control center
or doctor, have person rinse mouth with water, if able. Do not give
anything by mouth to an unconscious person.

IF INHALED: If breathing is difficult, remove person to fresh air and
keep at rest in a position comfortable for breathing. If person is not
breathing, call 911 or an ambulance, and then give artificial respira-
tion, preferably mouth to mouth if possible.

SPECIMEN LABEL

DIRECTIONS FOR USE
Type of Herbicide
Utility rights of way and roadside foliar
1/2 pint - 2 quarts
Forest site preparation
1 pint - 2 quarts per acre
Aquatic - surface
1/2 pint - 2 quarts
Aquatic - submerged
1 - 2 gallons
Agriculture/Citrus/Turf/Range & Pasture
1/2 - 2 pints
Insecticides/Fungicides/Acaricides
4 - 8 ounces

GENERAL INFORMATION
NIS can be used with insecticides, fungicides, growth regulators
and bio-stimulants at various rates as determined by label and field
experience.

STORAGE AND DISPOSAL
STORAGE: Store in a cool well-ventilated place. Keep in original
container tightly closed. Do not reuse empty container. Do not store
with food, feed, or other material to be used or consumed by hu-
mans or animals. Do not contaminate water supplies. For optimal
storage, store between 40° and 90° F.

DISPOSAL: Do not contaminate water, food or feed by storage or
disposal. Dispose of contents in container to an approved waste
disposal facility in accordance with all federal, state and local regu-
lations. Triple rinse (or equivalent) adding rinse water to applica-
tion tank. Offer container for recycling or dispose of in a sanitary landfill
or by other procedures approved by local regulations. The Agri-
cultural Container Recycling Council (ACRC) operates the national re-
cycling program. To contact your state and local ACRC recycler visit
the ACRC web page at www.acrecycle.org.

WARRANTY STATEMENT: Red River warrants that this product con-
forms to its chemical description and is reasonably fit for the pur-
pose stated on the label when used in accordance with directions
under normal conditions of use, but neither this warranty nor any
other warranty of merchantability or fitness for a particular purpose,
expressed or implied, extends to the use of this product contrary to
the label instruction, or any abnormal conditions, or under condi-
tions not reasonably foreseeable to Red River, and buyer assumes
the risk of any such use.

Manufactured for:
PRINCIPAL FUNCTIONING AGENTS:
Alkylarylpolyethylene glycols, free fatty acids and components ineffective as an adjuvant ................................ 100%
Total ................................................................................... 100%

KEEP OUT OF REACH OF CHILDREN
WARNING
May be harmful if swallowed. Causes skin irritation.
Causes serious eye irritation. May cause respiratory irritation.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

NONIONIC LOW FOAM WETTER/SPREADER ADJUVANT
FIRST AID
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment. If eye irritation persists: Get medical advice/attention.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap and water for several minutes. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice. If skin irritation persists: Get medical advice/attention.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

DIRECTIONS FOR USE AS A NIS
Type of Herbicide Application per 100 gal
Utility rights of way and roadside foliar 1/2 pint - 2 quarts
Forest site preparation 1 pint - 2 quarts per acre
Aquatic - surface 1/2 pint - 2 quarts
Aquatic - submerged 1 - 2 gallons
Agriculture/Citrus/Turf/Range & Pasture 1/2 - 2 pints
Insecticides/Fungicides/Acaricides 4 - 8 ounces

DIRECTION FOR USE AS AN ODOR REDUCING TECHNOLOGY
Add 1 to 2 quarts of NIS PRO, per 100 gallons of tank mix solution or .25% v/v to .50% per 100 gallons with objectionable odor. Odor intensity will vary with different chemicals. Start with a .25% v/v and slowly increase to obtain desired effect, up to a maximum use rate of 1% v/v.

GENERAL INFORMATION
NIS PRO can be used with insecticides, fungicides, growth regulators and bio-stimulants at various rates as determined by label and field experience.

STORAGE AND DISPOSAL
STORAGE: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

WARRANTY STATEMENT: Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instruction, or any abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:
azelis SPEcialty AGRI/HORTI RED RIVER SPCalILITIES
1324 N. Hearne Ave., Ste 120 Shreveport, LA 71107
1-800-256-3344
**PRINCIPAL FUNCTIONING AGENTS:**
Paraffin Base Petroleum Oil .................................................... 83%
Nonionic Surfactants .............................................................. 17%
**Total**..................................................................................... 100%
All ingredients are exempt from tolerance requirements under 40 CFR 180.

**KEEP OUT OF REACH OF CHILDREN**
CONTACT MAY CAUSE MODERATE EYE IRRITATION. Avoid contact with eyes, skin or clothing. Do not take internally. Wear chemical-resistant eyewear and gloves, long-sleeve shirt and pants and shoes and socks. 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.

**DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.**

**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: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. 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**
PACER® is a nonionic blend of surfactants and highly refined phytobland paraffin oil. It is designed for use with a broad range of pesticides where an oil concentrate adjuvant is recommended. PACER increases contact activity and penetration of the spray while also providing uniform coverage on leaf surfaces. Always follow herbicide label recommendations.

**RECOMMENDED RATES**
**Ground:** Use 4 - 8 pints per 100 gallons water or 0.5 - 1.00% v/v concentration. With atrazine and Aatrex®, use 1 quart to the acre with desirable amount of water.

**Aerial and Low Volume Sprays:** Use 1 - 4 pints per acre.

**Insecticides, Fungicides, Acaricides & Miticides:** Use 1/4 to 1/2 pints per 100 gallons water. Do not exceed 5% of the spray volume.

**MIXING**
Fill spray tank one-half full of water, add the desired amount of pesticide and continue filling. Add correct amount of PACER last and continue agitation.

**HANDLING AND STORAGE**
PACER® may be stored in stainless steel and most plastics. Do not store near oxidizing agents. Keep container closed in storage. Do not allow water to be introduced. If PACER is stored below 20°F for an extended period, it may become cloudy and thicken. By raising the temperature above 32°F the product will return to its normal clear and fluid state.

**WARRANTY STATEMENT:** Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk or any such use.

PACER® is a registered trademark of Red River Specialities, Inc. Aatrex® is a registered trademark of Syngenta.
**PRINCIPAL FUNCTIONING AGENTS**
Proprietary blend of water conditioning agents, ammonium sulfate, nonionic surfactant and substances ineffective as adjuvants. All ingredients are exempt from tolerance under 40 CFR 180.

**KEEP OUT OF REACH OF CHILDREN**
DANGER
Causes severe skin burn and eye damage. Causes serious eye damage. Read label before use. Keep container tightly closed. Keep only in original container. Do not breathe dust, fume, gas, mist, vapors or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection and face protection.

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

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

**IF ON SKIN OR CLOTHING:** (or hair): Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. Call a poison center, doctor or physician to specify the appropriate source of emergency medical advice.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**
SUN-PASTURE is a blend of water conditioning agents, co-formulated with nonionic surfactant. SUN-PASTURE is designed to maximize herbicide performance, by mitigating the antagonizing effects of hard water minerals, while improving spray droplet spreading and wetting. Designed to hasten and improve herbicidal uptake, SUN-PASTURE includes a blend of ammoniacal nitrogen. Do not use SUN-PASTURE with herbicides that are not compatible in acidic conditions or low pH.

Do not use with sulfonyle urea or DSMA based herbicides.

Do not use with tank mixes utilizing fixed copper fungicides, such as cupric hydroxide, basic copper, COPPER COUNT N, or copper oxychloride.

Do not apply this product in such a manner, as to directly or through drift, expose workers or other persons.

Always jar test SUN-PASTURE with tank mix herbicides prior to mixing. Applicator must have experience with this product or conduct a phytotoxicity trial, or use the directions from the products used in the tank mix.

**RECOMMENDED USE RATES**
The optimal rate of SUN-PASTURE will vary with environmental conditions and spray water quality. As growing and application conditions change, rates may be adjusted accordingly.

**GENERAL USE RATES (ground and aerial application):** 2-8 pints per 100 gallons of spray solution (0.250 to 1.0 % v/v).

**Spray Application Volumes 3 to 15 GPA:**
**STANDARD RATE:** 3-4 pints per 100 gallons of spray solution (0.375 to 0.500% v/v).

**Spray Application Volumes > 15 GPA:**
**STANDARD RATE:** 4-6 pints per 100 gallons of spray solution (0.500 to 0.750% v/v).

**STORAGE AND DISPOSAL**
**STORAGE:** Store locked up. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

**DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

Warranty Statement: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

Manufactured for:

[Logo and contact information]
Specimen Label

**SPECIMEN LABEL**

**PRINCIPAL FUNCTIONING AGENTS:**
Proprietary blend of oils, emulsifiers, organosilicone and formulation aids ............................................................. 100%

All ingredients are exempt from tolerance under 40 CFR 180.

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

- May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be harmful if inhaled. Read label before use.
- Keep container tightly closed. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash contaminated areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

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

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. If skin irritation occurs: Get medical advice or attention.

**IF SWALLOWED:** Call a poison center, doctor, physician if you feel unwell. Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**

**SUNRISE** is a penetrant-spreader specially designed for high-volume sprays. The superior emulsifier-spreader package includes organosilicone for improved spreading and penetration. The high quality oil blend, that includes methylated seed oil, is designed for excellent penetration while maintaining low phytotoxicity. **SUNRISE** may be used for air and ground applications and is especially engineered to work with imazapyr and similar chemistries that require or recommend the use of an oil adjuvant. The specially formulated chemistry in **SUNRISE** is designed to be versatile and can be used with both extremely low volume or high volume applications.

**FOR FORESTRY, INDUSTRIAL, RIGHTS-OF-WAY, AQUATIC AND OTHER USES AS DIRECTED ON PESTICIDE LABELS.**

**DIRECTIONS FOR USE**

- Always follow the label directions on the pesticide being used. If not directions are given, follow the use rates and directions below.

**USE RATES**

**FOR GROUND APPLICATION:** Mix ½ to 1 gallon of **SUNRISE** per 100 gallons (0.5 – 1% v/v) of spray solution. Apply at a rate of 25 – 40 gallons per acre as specified on the pesticide label.

**FOR AERIAL APPLICATION:** Use 1% v/v (approximately 6 ounces per 5 gallons).

**FOR AQUATICS:** Follow the directions on the specific pesticide label for crop oil use. Use only if organosilicones are not excluded from use on the label.

**STORAGE AND DISPOSAL**

- **Storage:** Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.
- **Disposal:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.acrecycle.org.

**WARRANTY**

Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:

**Azelis Specialty Agri/Horti**

1324 N. Hearme Ave., Ste 120 Shreveport, LA 71107
1-800-256-3344
**KEEP OUT OF REACH OF CHILDREN WARNING**

Causes skin irritation. Causes serious eye irritation. 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 befor e 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 IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye. If eye irritation persists: get medical advice or attention.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap and water for several minutes. If skin irritation occurs: Get medical advice or attention.

**IF SWALLOWED:** Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

**IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

**GENERAL INFORMATION**

**SUNSET** combines methylated seed oil (MSO) and emulsifiers to enhance wetting of the target and diffusion of the active ingredient through the weather hardened cuticle of grasses and broadleaf plants.

**SUNSET** meets the standards of active ingredient labels that recommend the use of an MSO or crop oil in the tank mix.

**DIRECTIONS FOR USE**

Follow the recommendations of the most restrictive active ingredient label.

Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

Use only if methylated seed oil (MSO) is allowed or not excluded on the label.

Care should be used when applying this or any other product during hot, dry conditions. Applications of any liquid during these stressful conditions may cause additional yellowing of the turf or other plants due to the application.

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 anti-foaming compounds, buffers
3. Liquid and Soluble products
4. Emulsifiable concentrates (EC)
5. Surfactants or other adjuvants

Prior to mixing, fill the spray tank with half of the carrier. Start the sprayer and check to make sure that all valves and gauges work and that there is adequate tank agitation.

**USE RATES**

Use **SUNSET** in spray mixture at a rate of 1 - 2 pints per acre at a spray rate of a minimum of 20 gallons per acre.

**SUNSET** should not exceed 1% of the spray volume.

Do not use higher percentages of MSO or lower volumes of spray solution per acre as this may cause damage to sensitive plants.

**Note:** Tank mixtures including **SUNSET** should be utilized within 36 hours for best 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.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

**WARRANTY**

Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:

**azelis**

[Logo]

1324 N, Hearne Ave., Ste 120
Shreveport, LA 71107
1-800-256-3344
PRINCIPAL FUNCTIONING AGENTS:
Proprietary blend of ammonium sulfate, drift reduction agent and dimethylpolysiloxane (defoamer) ..................................................... 100%
TOTAL.................................................................................................... 100%
All ingredients are exempt from tolerance under 40 CFR 180.

KEEP OUT OF REACH OF CHILDREN
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
SUPER AMS is formulated with a drift reduction agent to limit the formation of driftable fines and ammonium sulfate (AMS) to improve uptake of the active ingredient while limiting herbicide interactions with hard water ions.

SUPER AMS conditions the carrier water and helps to reduce equipment problems such as nozzle plugging which can be associated with mixing dry ammonium sulfate (AMS) in cold temperatures. A defoamer is included in the formulation to control foaming during mixing.

DIRECTIONS FOR USE
Follow the directions on the most restrictive active ingredient label.
Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

This product is formulated with ammonium sulfate (AMS).
Use only if a water conditioner containing ammonium sulfate (AMS) is allowed or not excluded on the label.

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 anti-foaming compounds, buffers
3. Liquid and Soluble products
4. Emulsifiable concentrates (EC)
5. SUPER AMS or other adjuvants
Prior to mixing, fill the spray tank with half of the carrier. Then start the sprayer and check to make sure that all valves and gauges work and that there is proper tank agitation.
The degree of drift hazard varies with the type of pesticide, application conditions, and the vegetation near the sprayed area. Common sense and sound application technology must be followed when spraying pesticides.
SUPER AMS will reduce, but not totally eliminate drift.

USE RATE
Glyphosate and other tank mixes:
Use at a rate of 2.5% or 2.5 gallons per 100 gallons of spray solution for 8.5 pounds of AMS/100 gallons and the optimum rate of drift reduction technology.
Use a rate of 5% or 5 gallons per 100 gallons of spray solution for 17 pounds of AMS per 100 gallons of spray solution and the optimum rate of drift reduction technology.

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. Avoid contact with iron clad, copper and copper bearing materials to prevent product degradation and equipment corrosion. Do not store near oxidizing agents. 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.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

WARRANTY
Red River warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Red River, and buyer assumes the risk of any such use.

Manufactured for:

Manufactured for:
Adjuvant Terminology

**Acidifiers** - Materials that can be added to spray mixtures to neutralize alkaline solutions and lower pH.

**Activator** - A material that increases the biological efficacy of agrichemicals.

**Active Ingredient** - A component of the formulation that produces a specific desired effect for which the formulation is designed.

**Adjuvant** - A material added to a tank mix to aid or modify the action of an agrichemical, or the physical characteristics of the mixture.

**Anionic Surfactant** - A surfactant that ionizes in water at pH 7.0 and above. Anion surfactants derive the name from negatively charged, water-soluble anion.

**Antifoaming Agent** - A material used to inhibit or prevent the formation of foam.

**Buffer or Buffering Agent** - A compound or mixture that, when contained in solution, causes the solution to resist change in pH. Each buffer has characteristic limited range of pH over which it is effective.

**Cationic Surfactant** - A surface-active material in which the active portion of the molecule, containing the hydrophilic and lipophilic segments, forms exclusively a positive ion when placed in solution.

**Compatibility Agent** - A surface-active agent that allows simultaneous application of liquid fertilizer and agrichemical formulations, as a uniform tank mix, or improves the homogeneity of the mixture and the uniformity of the application.

**Crop Oil** - An emulsifiable petroleum oil-based product containing 2-5 wt.% surfactant and 98-95 wt.% phytobland oil.

**Crop Oil Concentrate** - An emulsifiable petroleum oil-based product containing 15-20 wt.% surfactant and 80-85 wt.% phytobland oil.

**Defoaming Agent** - A material that eliminates or suppresses foam in the spray tank.

**Deposition Aid** - A material that improves the ability of agri-chemical sprays to deposit on targeted surfaces.

**Drift Control Agent** - A material used in liquid spray mixtures to reduce spray drift.

**Emulsifier** - A surfactant that promotes the suspension of one immiscible liquid in another.

**Evaporation Reduction Agent** - A material that reduces the evaporation rate of a spray during or after application, or both.

**Extender** - A material that increase the effective life of an agrichemical after application.

**Foaming Agent** - A material that increases the volume or stability of the foam formed in a spray mixture.

**Nonionic Surfactant** - A surface-active agent having no ion-izable polar end groups but comprised of hydrophilic and lipophilic segments.

**Penetrant** - A material that enhances the ability of an agri-chemical to enter a substrate or penetrate a surface.

**Petroleum Oil** - Oil derived from petroleum; contains a mixture of hydrocarbons that are broadly classified as paraffins, napthenes, aromatics, or other unsaturates, or combination thereof.

**Spreader** - A material which increases the area that a droplet of a given volume of spray mixture will cover on a target.

**Spreader/Sticker** - A material that has the properties of both a spreader and a sticker.

**Sticker** - A material that assists the spray deposit to adhere or stick to the target and may be measured in terms of resistance to time, wind, water, mechanical action, or chemical action.

**Surfactant** - A term meaning “Surface Active Agent”. A chemical that modifies surface tension. Surfactants can influence the wetting and spreading of liquid, and can modify the dispersion, suspension or precipitation of a pesticide in water.

**Vegetable Oil** - Oil extracted from seeds; typically those of corn, cotton, peanut, rapeseed, sunflower, canola, or soybean.

**Vegetable Oil Concentrate** - An emulsifiable vegetable oil product containing 5-20 wt.% surfactant and 80-90 wt.% vegetable oil.

**Wetting Agent** - Wetting agents can be considered synonymous with spreading agents in function.