



# BLEND OF NITROGEN SOLUTION AND NONIONIC ADJUVANT 25-0-0

### GUARANTEED ANALYSIS

Total Nitrogen (N) ..... 25.00%  
12.40% Ammoniacal Nitrogen  
12.60% Urea Nitrogen

### DERIVED FROM

urea and ammonium nitrate

### ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

6.96% alkylaryl polyoxyalkane ether and alkyl polyglycoside

### ACTIVE INGREDIENTS:

As Surfactant (alkylaryl polyoxyalkane ether and alkyl polyglycoside) ..... 6.96%  
As Adjuvant ..... 25.00%

INGREDIENTS INEFFECTIVE AS ADJUVANT ..... 68.04%

TOTAL ..... 100.00%

All ingredients are accepted for use under CFR 40, 180.1001(c).

## KEEP OUT OF REACH OF CHILDREN WARNING

Causes severe eye irritation  
Causes skin irritation  
Harmful if inhaled  
May be harmful in contact with skin  
May be harmful if swallowed

See Inside Panel for Additional Precautionary Statements



CASN 020114

Cal. Reg. No. 5905-50078-AA

NET CONTENTS: 2.5 Gals. (9.46 L)

WEIGHT PER GALLON: 10.3 Lbs. (4.67 kg)

NET WEIGHT: 25.75 Lbs. (11.68 kg)

Manufactured For

**HELENA CHEMICAL COMPANY**

225 SCHILLING BOULEVARD, SUITE 300  
COLLIERVILLE, TN 38017 • (901) 761-0050

## PRECAUTIONARY STATEMENT

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

BEFORE USING THIS PRODUCT READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.

**Causes severe eye irritation. Causes skin irritation. Harmful if inhaled. May be harmful in contact with skin. May be harmful if swallowed.** Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse. Keep out of reach of children.

**Personal Protective Equipment:** Wear chemical-resistant gloves, long-sleeved shirt and long pants, shoes plus socks when mixing or applying **PATROL**®.

Disclaimer: Always refer to the label **on the product** before using Helena or any other product.

### FIRST AID

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15–20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have a person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious or convulsing person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15–20 minutes.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container only. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not store near heat or open flame. Do not store with oxidizing agents.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water sources by run off from cleaning of equipment, disposal of equipment washwater or spray waste.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, STAY OUT OF SMOKE.

## GENERAL INFORMATION

**PATROL**® is a proprietary blend of high quality 28% Nitrogen and Nonionic surfactant. When used at recommended rates, **PATROL**® can increase the performance of those herbicides which are recommended to be used with 28% Nitrogen. **PATROL**® will also add effective nonionic surfactant activity to the spray tank mix.

## DIRECTIONS FOR USE

Add **PATROL**® to the spray tank mix at the rate specified by the herbicide label. See the dilution chart below for information on rates. Before mixing the spray solution it is recommended that a compatibility test be performed in a small (1 quart) container. If all components of the spray mix are compatible, add the contents of the small container to the spray tank and begin mixing operation.

## MIXING DIRECTIONS

Add 1/2 the amount of water to the spray tank and begin agitation. Add the required amount of **PATROL**® and herbicide to the spray mix. Add the remainder of the water and continue agitation until all solution has been applied.

Water Spray Volume Gallons/Acres	*PATROL® Use Rate (Pints)	% Nonionic Surfactant Provided (V/V)	**Quarts of N-28 Provided
3–12	2.25	1.5–0.40	1.0
13–20	2.50	0.40–0.25	1.1
21–25	3	0.30–0.25	1.3
30	3.50	0.23	1.6
35	4	0.23	1.8
40	4.50	0.22	2.0
50	5	0.20	2.2

\*NOTE: 3 qts. **PATROL**® may be substituted for 2.5 lbs. solid ammonium sulfate. If additional surfactant is needed to satisfy the herbicide label recommendations, use a nonionic surfactant. Do not use an oil concentrate adjuvant or crop oil type spray adjuvant.

\*\*Indicates the amount of N28 solution provided by the respective **PATROL**® use rates.

## CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

**Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.**

The directions on this label are believed to be reliable and must be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied

warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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