Intended for sale to and use by commercial applicators and professional landscapers only. 
NOT FOR SALE OR USE BY HOMEOWNERS.

Octane® 2% SC
Herbicide

For Use in Nurseries and Ornamental Plantings, Sodfarms, Christmas Trees, and on Established Ornamental Turf

Active Ingredient:
- Pyraclostrobin (2-chloro-5-(4-chloro-5-difluoromethoxy-1-
  methyl-1H-pyrazol-4-yl)-4-fluorophenoxyacetate) 2.0%

Other Ingredients

Total 100.0%

Contains 0.177 pounds pyraclostrobin per gallon (20 grams per liter)

Keep Out of Reach of Children

CAUTION

SHAKE WELL BEFORE USING

Manufactured for: SePRO Corporation
11550 North Meridian Street, Suite 600
Carmel, IN 46032 U.S.A

Herbicide

Net contents 8 fl. oz.
Refer to label booklet for additional precautionary information and directions for use, including storage and disposal.

NOTICE: Read the entire label before using. Use only according to label directions. Before buying or using this product, read Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies inside label booklet.

For additional information on our products, please visit www.sepro.com.

Octane® is a trademark of Nichino America, Inc.

Octane® 2% SC Herbicide

FPL081208
SPC - 39035804

Net contents: 8 fl. oz.
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Keep Out of Reach of Children

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wear long-sleeved shirt and long pants, socks, shoes, and chemical resistant gloves (Selection Category A).

<table>
<thead>
<tr>
<th>FIRST AID</th>
</tr>
</thead>
<tbody>
<tr>
<td>If on skin or clothing</td>
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<tr>
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</table>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call INFOTRAC 1-800-535-5053.
PERSONAL PROTECTIVE EQUIPMENT (PPE)
Applicators and other handlers must wear:
• Long-sleeved shirt and long pants;
• Shoes plus socks;
• Chemical-resistant gloves.
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 SAFETY RECOMMENDATIONS
Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
ENGINEERING CONTROLS STATEMENTS
When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

ENVIRONMENTAL HAZARDS
This product is toxic to fish and aquatic invertebrates. This product may contaminate water through drift of spray in wind or via runoff events. Use care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Do not apply when weather conditions favor drift from treated areas.

SPRAY DRIFT
Avoid spray drift to all other crops and nontarget areas. Do not apply when weather conditions may cause drift. Do not allow this product to drift onto nontarget areas. Drift may result in illegal
residues or injury to adjacent crops and vegetation in the form of leaf yellowing and defoliation. To avoid spray drift, DO NOT apply aerially when wind speed is greater than 10 mph or during periods of temperature inversions. Use of larger droplet size will also reduce spray drift.

Avoiding spray drift at the application site is the responsibility of the applicator.

The interaction of equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making decisions. Droplet size, boom height, and wind speed are the primary factors determining drift. The specific application conditions required for the use of this product are described below.

**Information on Droplet Size**

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable
environmental conditions (see *Wind, Temperature and Humidity*, and *Temperature Inversions*).

**Controlling Droplet Size**

- **Volume** – Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

- **Pressure** – Do not exceed the nozzle manufacturer’s recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

- **Number of Nozzles** – Use the minimum number of nozzles that provide uniform coverage.

- **Nozzle Orientation** – Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
• **Nozzle Type** – Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

• **Maintenance of Nozzles** – Periodic inspection and subsequent replacement of nozzles to ensure proper chemical application is recommended.

**Wind**
Drift potential is lowest between wind speeds of 2 – 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. Application should be avoided below two (2) mph due to variable wind direction and high inversion potential. **NOTE:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

**Temperature and Humidity**
When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for
evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

**Temperature Inversions**
Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light and variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.
Sensitive Areas
The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, nontarget crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

SHAKE WELL BEFORE USING.
DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.
AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls;
- Chemical resistant gloves;
- Shoes plus socks.
NONAGRICULTURAL USE REQUIREMENTS
The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, or greenhouses. For other uses, including interiorscapes and other nonagricultural uses, do not enter treated areas without protective clothing until sprays have dried.

GENERAL INFORMATION
OCTANE 2% SC is designed for use as an herbicide for broadleaf weed control.

Only certified applicators are permitted to apply OCTANE 2% SC for turf and ornamental sites.

Do not apply if rainfall is expected within one hour.

USE RESTRICTIONS
- Do not apply this product through any type of irrigation system.
- Do not plant rotational crops other than cotton, potato, corn, soybeans, or wheat for 30 days following the last application of this product.
**WEEDS CONTROLLED**

The following broadleaf weed species can be controlled by applications of OCTANE 2% SC in the manner described below at 3 to 6 inches tall. Tank mixes of OCTANE 2% SC with other herbicides may be needed for control of larger weeds:

<table>
<thead>
<tr>
<th>Amaranth, Palmer</th>
<th>Eveningprimrose, cutleaf</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bedstraw</td>
<td>Henbit</td>
</tr>
<tr>
<td>Beggarweed, Florida</td>
<td>Knotweed, prostrate</td>
</tr>
<tr>
<td>Beggartick, hairy</td>
<td>Kochia</td>
</tr>
<tr>
<td>Bindweed, field</td>
<td>Ladysthumb</td>
</tr>
<tr>
<td>Buckwheat, wild</td>
<td>Lambsquarters, common</td>
</tr>
<tr>
<td>Canada thistle</td>
<td>Lettuce, prickly</td>
</tr>
<tr>
<td>Canola</td>
<td>Mallow, common</td>
</tr>
<tr>
<td>Carpetweed</td>
<td>Morningglory</td>
</tr>
<tr>
<td>Celery, wild</td>
<td>Mustard, wild</td>
</tr>
<tr>
<td>Chickweed</td>
<td>Nettle, stinging</td>
</tr>
<tr>
<td>Clover, white</td>
<td>Nightshade, black</td>
</tr>
<tr>
<td>Cocklebur</td>
<td>Pigweed, redroot</td>
</tr>
<tr>
<td>Dandelion</td>
<td>Pigweed, smooth</td>
</tr>
<tr>
<td>Dock, curly</td>
<td>Pineapple weed</td>
</tr>
<tr>
<td>Dollarweed</td>
<td>Poinsettia, wild</td>
</tr>
<tr>
<td>Eclipta</td>
<td></td>
</tr>
</tbody>
</table>
Poison-ivy
Purslane, common
Radish, wild
Ragweed, common
Ragweed, giant
Rocket, London
Russian thistle
Sesbania, hemp
Shepherd’s-purse

Sicklepod
Smartweed, Pennsylvania
Smellmelon
Sowthistle, annual
Spurge, leafy
Sunflower, common
Toadflax, Dalmatian
Velvetleaf
Waterhemp, tall

MIXING DIRECTIONS

Shake well before using. Add 1/2 to 3/4 of the required amount of water to the spray tank. Start agitation. Add the required amount of OCTANE 2% SC and the remaining amount of water. Mix only as much spray solution as can be sprayed within four hours. Storage and use of the previous day’s spray mix may result in reduced activity.

Use an approved agricultural buffering agent buffering to pH 7.5 or less if using OCTANE 2% SC in a water source of ≥ pH 7.5.

Tank Mixtures
OCTANE 2% SC may be applied as a tank mix or in sequential
application with other herbicide, fungicide, or insecticide products. Weather, crop conditions, or the presence of certain weeds, crop damaging insects, or diseases will indicate the inclusion of other pesticides in the application. Apply with grass herbicides if grassy weeds are present.

**NOTE:** It is recommended that the compatibility of OCTANE 2% SC in any tank mix combination be tested before use. To determine the physical compatibility with other products, use a jar test, as described below:

Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

**Read and follow all label directions for each tank mix product. Always use in accordance with the most restrictive of label precautions and limitations.**
EQUIPMENT CLEANING

Do not allow the spray solution to dry in the application equipment. After application and before using the sprayer equipment for any other applications, the sprayer must be thoroughly cleaned. Applicators must ensure proper equipment clean-out for any other products mixed with OCTANE 2% SC as provided on the other product label(s). Immediately following application, clean all equipment thoroughly with detergent or a spray tank cleaner and water as described below. Should residues of OCTANE 2% SC remain in inadequately cleaned equipment, they may be released in subsequent applications and cause injury to crops.

1. Drain sprayer tank, hoses, and spray boom and thoroughly rinse with clean water the inside of the spray tank, sprayer hoses, boom, and nozzles to remove any sediment or residues.

2. Fill the tank 1/2 full with clean water, add the appropriate detergent (follow manufacturer's directions for use). Fill tank to capacity and operate the sprayer with agitation for 15 minutes to flush hoses, boom, and nozzles.
3. Drain the sprayer tank, lines, and booms. Rinse the tank with clean water and flush through the hoses, boom, and nozzles. Remove and clean spray nozzles, tips, and screens.

4. Dispose of all cleaning solutions, rinsate, and washwaters in accordance with Federal, state, and local regulations.

APPLICATION AND DOSAGE
Nurseries And Ornamental Plantings; Sodfarms; Christmas Trees; Established Ornamental Turf

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Turfgrass Tolerance
Established turfgrasses tolerant to application of OCTANE 2% SC at labeled rates are listed below. For turfgrass species not listed on this label, the user should apply OCTANE 2% SC to a small test area to assure tolerance. A slight transitory yellowing or discoloration may occur on some sensitive turfgrass species under stress 3 to 5 days following application of OCTANE 2% SC at labeled rates. Recovery is typically 4 to 7 days from application.
Cool Season Turfgrasses (creeping bentgrass, Kentucky bluegrass, Rough bluegrass, tall fescue, perennial ryegrass). Cool season grasses, both newly seeded and established, are generally tolerant to application of OCTANE 2% SC at labeled rates. To evaluate tolerance of certain species, apply to a small test area before treating large areas to assure tolerance. Be aware and observe all label restrictions regarding turfgrass tolerance when OCTANE 2% SC is tank mixed with another product.

Warm Season Turfgrasses (common and hybrid bermudagrass, centipedegrass, St. Augustinegrass, zoysiagrass). Warm season turfgrasses listed above are generally tolerant to applications of OCTANE 2% SC at labeled rates. Centipedegrass may exhibit a slight yellowing 3 to 7 days after application, however complete recovery is expected. To evaluate tolerance of certain species, apply to a small test area before treating large areas to assure tolerance. Be aware and observe all label restrictions regarding turfgrass tolerance when OCTANE 2% SC is tank mixed with another product.
Newly Seeded, Sodded, or Sprigged Turfgrass
OCTANE 2% SC may be applied to newly seeded, sodded, or sprigged turfgrass that is established and not subject to impending stress due to moisture, temperature, or other cultural practices. Areas treated with OCTANE 2% SC may be seeded or overseeded one day following application.

Dormant Turfgrass
Applications of OCTANE 2% SC to dormant warm season turfgrasses are permitted. Avoid applications when warm season turfgrasses are transitioning into or out of dormancy.

For applications to ornamental turf and plantings, do not allow people (other than the applicator) or pets on treatment area during application and until sprays have dried (refer to Nonagricultural Use Requirements box). Apply OCTANE 2% SC at rates specified in the dosage table below for control of broadleaf weeds. OCTANE 2% SC is a broadleaf contact herbicide. OCTANE 2% SC may be tank mixed with other registered grass herbicides for control of grassy weeds. Avoid contact with desirable vegetation.
Spray Volume
OCTANE 2% SC is a contact herbicide that causes herbicidal symptoms only to plant parts that come into contact with spray applications. Therefore, proper spray volume and uniform coverage are important to maximize efficacy of OCTANE 2% SC. Uniform sprays should be applied at 20 to 200 gallons/A (0.5 to 4.5 gallons per 1000 sq. ft). Higher spray volumes should be used to target high weed populations and/or weeds contained in dense turfgrass canopies.

Use of Adjuvants
Addition of surfactants (spreaders/stickers) to the spray solution will improve efficacy and contact activity of OCTANE 2% SC. Follow manufacturer’s recommended use rates for specific sites.
<table>
<thead>
<tr>
<th>Use</th>
<th>Rate / Acre</th>
<th>Use Restrictions and Comments</th>
</tr>
</thead>
</table>
| Nursery and ornamental plantings | **When tank mixing with other herbicides:**<br>Apply OCTANE 2% SC at rates of 0.7 to 1.5 fluid ounces per acre in tank mix combinations with herbicides registered for use such as amines, esters, and salts of 2,4-D, chloroprop, dicamba, mecoprop, MCPA, triclopyr, fluoroxypr, and various combination of these products for control of annual weeds and perennial weeds listed in *Weeds Controlled*. Residual, long-term control of the target weeds is as defined by the labeling of the companion product. For tank mixing with herbicides, follow the tank mix directions. | • Do not make more than 3 applications or exceed 13.6 fl oz/A per year using ground equipment.  
• Allow a minimum of 30 days between applications.  
• Do not apply by air.  
• Do not apply when environmental conditions favor spray drift or poor spray coverage.  
• Avoid spray drift onto nontarget susceptible plants such as vegetables, flowers, ornamentals, trees, shrubs, and other desirable plants.  
• Do not apply to lawns or turf where clovers and carpetgrass are desirable.  
• Not for use on golf course greens or tees. |
| Sodfarms                     | **When NOT tank mixing with other herbicides:**<br>Apply OCTANE 2% SC at rates of 1.0 to 4.0 fluid ounces per acre in 20 to 40 GPA for control of seedling, non-mature winter and summer annual weeds and/or for temporary burndown of weeds listed in *Weeds Controlled*. Tank mixes, including other broadleaf herbicides, with OCTANE 2% SC may be needed for control of larger winter and summer annual weeds. |                                                                                                                                                           |
Backpack Sprayer Dosage Chart

For use in backpack sprayers having a tank capacity of 3 to 5 gallons, accurate calibration and measurement of the appropriate amount of product is important to deliver the desired rate of OCTANE 2% SC. Use the chart below to determine the quantity of OCTANE 2% SC to be added to a backpack sprayer having a capacity of 3 to 5 gallons to equal a 1.5 fl oz/A rate.

<table>
<thead>
<tr>
<th>BACKPACK TANK CAPACITY (GALLONS)</th>
<th>SPRAY VOLUME (GALLONS/A)</th>
<th>FLUID OZ PRODUCT PER TANK FOR 1.5 FL OZ/A</th>
<th>ML PRODUCT PER TANK FOR 1.5 FL OZ/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>20</td>
<td>0.23</td>
<td>6.6</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>0.15</td>
<td>4.4</td>
</tr>
<tr>
<td></td>
<td>40</td>
<td>0.11</td>
<td>3.3</td>
</tr>
<tr>
<td>4</td>
<td>20</td>
<td>0.30</td>
<td>8.9</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>0.20</td>
<td>5.9</td>
</tr>
<tr>
<td></td>
<td>40</td>
<td>0.15</td>
<td>4.4</td>
</tr>
<tr>
<td>5</td>
<td>20</td>
<td>0.38</td>
<td>11.1</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>0.25</td>
<td>7.4</td>
</tr>
<tr>
<td></td>
<td>40</td>
<td>0.19</td>
<td>5.5</td>
</tr>
</tbody>
</table>
For smaller volume sprayers less than three (3) gallons in size, measure 0.03 to 0.07 fl. oz. (1 to 2.1 ml) of Octane 2% SC per one (1) gallon of water when tank mixing with other herbicides to equal a 1.5 fl. oz./A rate. For specific measurements based on spray volume (gallons/A), see the table below.

<table>
<thead>
<tr>
<th>Spray Volume (Gallons/A)</th>
<th>Fluid Oz Product Per Gallon Water for 1.5 Fl. Oz/A</th>
<th>Ml Product Per Gallon Water for 1.5 Fl. Oz/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>0.07</td>
<td>2.1</td>
</tr>
<tr>
<td>30</td>
<td>0.05</td>
<td>1.4</td>
</tr>
<tr>
<td>40</td>
<td>0.03</td>
<td>1.0</td>
</tr>
</tbody>
</table>
STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Storage: Store in a cool place.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: DO NOT reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Warranty Disclaimer

SePRO Corporation warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. SEPRO
CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

**Inherent Risks of Use**

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of SePRO Corporation as the seller. To the extent consistent with applicable law, all such risks shall be assumed by buyer.

**Limitation of Remedies**

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims
based on contract, negligence, strict liability, or other legal theories) shall be limited to, at SePRO Corporation's election, one of the following:

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

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from handling or use of this product unless SePRO Corporation is promptly notified of such losses or damages in writing. To the extent consistent with applicable law, in no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of SePRO Corporation or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or Limitations of Remedies in any manner.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep Out of Reach of Children

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wear long-sleeved shirt and long pants, socks, shoes, and chemical resistant gloves (Selection Category A).

<table>
<thead>
<tr>
<th>FIRST AID</th>
</tr>
</thead>
</table>
| **If on skin or clothing** | • Take off contaminated clothing.  
   • Rinse skin immediately with plenty of water for 15 - 20 minutes.  
   • Call a poison control center or doctor for treatment advice. |

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call INFOTRAC 1-800-535-5053.

FPL081208  

Octane 2% SC – 8 oz

SPC-39035804