

RTSA Horticultural Oil

A superior spray oil for insect, mite, and fungal pests on fruit trees and ornamentals.

Net Contents:
2.5 gallons
(9.46 Liters)

PEEL BACK BOOK HERE

DOC ID 526389

ACCEPTED
FOR REGISTRATION

4/28/11

New York State Department
of Environmental Conservation
Division of Materials Management
Pesticide Product Registration

ACTIVE INGREDIENT:	
Mineral Oil*	98.6%
Other Ingredients:	1.2%
Total	100.0%

*Contains petroleum distillates

*Unsulfonated Residue of Petroleum Distillate 92.0% Min
 *50% Distillation Point of Petroleum Distillate 414.0° F
 *Flash Point 345.0° F
 Weight per Gallon 7.1 lbs

EPA Reg. No. 74779-9

EPA Est. No. 52467-WI-1

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See Side/Back Panel for Additional Precautionary Statements, First Aid and Directions for Use

Distributed by:
Rainbow Treecare Scientific Advancements
11571 K-Tel Dr Minnetonka, MN 55343
1-877-272-6747 www.treecarescience.com



AD 120809

PF - 45075

PROOF

THIS PROOF IS TO BE CHECKED FOR ACCURACY

Please review and approve Text, Spelling, Copy Placement, Size, Shape, Colors, Unwind, and Deline.

Authorized signature accepts responsibility for accuracy of all copy, color break and artwork. Cimarron Label is not liable for any discrepancies subsequently identified.

PLEASE NOTE: Due to color variance between printers/monitors, the colors represented by this proof cannot be deemed accurate. Please refer to a color matching system such as the Pantone Matching System for a truer representation of spot colors. **THIS PROOF IS NOT ACCURATE FOR COLOR-MATCH.**

WE CANNOT PROCESS THIS ORDER WITHOUT AN AUTHORIZED SIGNATURE

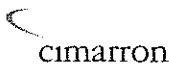
☐ ARTWORK IS APPROVED

☐ REVISED PROOF NEEDED

Signed _____

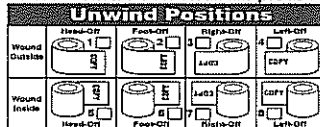
Date _____

Please Return To: _____



4201 North Westport Avenue, Sioux Falls, South Dakota 57107
Phone: (605) 978-0451 • Fax: (605) 978-0463

Please indicate the correct unwind position



PROOF DATE: 1/15/2010

CUSTOMER: Rainbow Tree Care

JOB NUMBER: 45075

LABEL SIZE: 6.5" x 7.5"

LEAFLET FLAT SIZE: 7.5" x 17.0625"

LEAFLET FOLDED SIZE: 7.5" x 5.75"

LABEL COLORS: Black

LEAFLET "IN" COLORS: Black

LEAFLET "OUT" COLORS: 1807 Black

deline does not print

FIRST AID

IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call poison control center or doctor for treatment advice.

IF SWALLOWED

- Immediately call a poison control center or doctor.
- 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 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.
- Call poison control center or doctor for treatment advice.

IF INHALED

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For 24-hour medical emergency assistance (human or animal), or chemical emergency assistance (spill, leak or accident), call CHEMTREC at 1-800-424-9300.

NOTES TO PHYSICIAN

Petroleum distillate poses aspiration pneumonia hazard. Only minor irritation should be expected from any type of exposure other than pulmonary aspiration. Ingestion may result in some gastroenteritis and mild diarrhea. Since systemic toxicity is not expected, the added risk of aspiration from attempts to induce vomiting or lavage are deemed not warranted.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instruction for category G on an EPA chemical-resistant category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves (Barrier Lamine or Viton)
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering control statements:

When handlers use closed systems, or enclosed cabs in a manner that meets with 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.

USER SAFETY RECOMMENDATIONS:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, or 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 wash waters or rinsate. Apply this product only as specified on the label.

It is a violation of Federal law to use this

READ ENTIRE LABEL. USE STRICTLY IN FEDERAL REGULATIONS.

Use Restrictions

- This product may be used on the plant areas as well as on Christmas tree farms.
- Do not apply this product through any
- Do not apply this product in a way that
- Only protected handlers may be in the pesticide regulation.
- Do not apply this product by air.
- Do not apply during periods of drought.
- Do not spray when there is obvious mo
- Spray only when the temperature is abo
- Shake well before use. If product is in i

Use Precautions

- All horticultural oils interfere with or slo
- Phytotoxicity may result if product is sp
- Keep applications away from open blo
- Protect painted surfaces, carpet and fur

Use this product only in accordance requirements for the protection of a contains requirements for training, pertaining to the statements on this only apply to uses of this product th

Do not enter or allow worker entry i

PPE required for early entry to treat has been treated, such as plants, so gloves made of any waterproof mat

The requirements in this box apply to (40 CFR Part 170). The WPS applies

Do not enter or allow others to enter

Do not contaminate water, food or f

Pesticide Storage: Keep container paved surfaces, soak up with sand, e
Pesticide Disposal: Pesticide waste cannot be disposed of by use accor representative at the nearest EPA re
Container Disposal: Non-refillable container: Do not reu recycling, if available or puncture an stay out of smoke.

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

(non-refillable <5 gallons) T
flow begins to drip. Fill the
rinseate for later use or dispo

(non-refillable >5 gallons):
water. Replace and tighten
the container on its end and
the rinsate into application.

- Pressure rinse as follows: E to drip. Hold container up side of the container, and

A variety of factors including (but not limited to) the type of material (e.g., metal, wood, or airblast) can influence the

- Wind Speed:** Do not apply :

Temperature Inversions: If atmospheric conditions exist

Droplet Size: Apply as a m

For Ground-based Equipment

For Airblast Applications, 1
trees, spray must be directed

Mixing Directions

1. Use only in equipment
2. Partially fill tank with
3. Add other desired pe
suspended in the wat
water have been thor
4. Add oil under agitac
5. Maintain agitation un
6. In small equipment la
7. Flush fluid in sprayer

Application Instructions
To obtain adequate pes

Dilute Applications are

For most tree fruits this citrus trees this can be a ensure the best coverage

This product may be tank mixed with Horticultural Oil per 100 gallons. Test all combinations prior to use. Use caution and read and follow label directions.

Do not tank mix with any insecticide or immediately before or after folpet, methiocarb, oxythioquinoxim, or any other insecticide. Do not use equipment used for these compounds until these compounds remain. Do not

Non-refillable container: Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Offer for recycling, if available 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.

PLANTS	PEST	Gallons of Oil per 100 gallons of water	APPLICATION TIMING	COMMENTS
Shade trees and ornamental plants including conifers, deciduous broadleaf evergreens & woody ornamentals in landscapes, along city streets, rights-of-ways, and other non-crop areas. Flowers and foliage plants including roses and other flowering shrubs, foliage ornamentals and bedding plants	Aphids Adelgids Bugs (immature) Cankervorms Certain caterpillars Eriophyid mites Gall mites Lace bug Leaf beetle larvae Leafhoppers Leaf miner Leafrollers Leaf tiers Mealybug Plantbugs Psyllids Sawfly Scale Insects Mites Webworms Whiteflies Thrips Will kill other immature forms of insects if spray covers the insect.	2 – 3	Winter dormant period as needed	Do not spray more than 1 time per week. Do not spray when there is an obvious moisture deficit in leaves, or the plant is under stress.
		0.25 – 2	Summer (foliar or cover) as needed	Follow the spray schedule outlined in the Directions for Use or specified by your State Agricultural Extension Service Spray Guide for seasonal applications of Horticultural Spray Oils.
Residential fruit trees: apples, pears, pecan, peaches, plums, and prune	Apple red bug Fruit tree leaf roller European red mite San Jose scale Pear leaf blister mite Pear psylla Spider mites Plant bugs	1 – 3	Winter dormant period as needed	
		0.25 – 2	Summer (foliar or cover) as needed	
Residential Citrus	Scale Greasy spot Spot and sooty mold Spider mites Rust mites Whitefly	0.25 – 3	Apply post bloom	Oils applied after October may increase cold damage to citrus trees; applied in August and September may affect solid contents, may retard color.
	California red scale	1.3 – 1.6		
PLANTS	PEST	Fl. oz. of Oil per gallon of water	APPLICATION TIMING	COMMENTS
Christmas Trees	Adelgids Aphids Scale Spider mites	2 – 3	Winter dormant period as needed	
		0.75 – 2	Summer (foliar or cover) as needed	

Note: This product removes the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce. Use with Caution and reduced dosage for summer application on Japanese Red Maple, Amur Maple and Black Walnut. Use with Caution and reduced dosage for dormant application on Sugar Maple, Redbud, Japanese Holly, Cryptomeria, Chamaecyparis, Red Cedar and Smoketree.

Use enough spray solution to completely penetrate the leaf canopy and cover both top and bottom of all of the leaves and stems until wet but without significant runoff.
1 gallon of oil per 100 gallons of water is approximately equal to 1.3 fl oz of oil per gallon of water.

CONDITIONS OF SALE AND

Notice: Read the entire Directions for Use and if the product is not acceptable, return the product at once.

The Directions for Use of this product must be followed. No warranty is made as to the effectiveness of the product under conditions, presence of other materials or use of the product in conjunction with other materials. The user agrees to hold RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS and its agents harmless from any and all claims, damages, losses, or expenses, including reasonable attorneys' fees, which may be incurred by the user or any third party as a result of the use of the product.

RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS warrants that the product conforms to the purposes stated in the Directions for Use and that the product is free from adulteration. The user agrees to hold RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS and its agents harmless from any and all claims, damages, losses, or expenses, including reasonable attorneys' fees, which may be incurred by the user or any third party as a result of the use of the product.

To the fullest extent permitted by law, RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS and its agents shall not be liable for any special, consequential, or incidental damages, including lost profits, arising out of the use of the product. THE USER OR BUYER, IN REMEDY OF THE USER OR BUYER, IN NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE, OF THE PURCHASE PRICE OF THE PRODUCT, SHALL BE THE SOLE REMEDY OF THE USER OR BUYER.

RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS and its agents shall not be liable for any special, consequential, or incidental damages, including lost profits, arising out of the use of the product. THE USER OR BUYER, IN REMEDY OF THE USER OR BUYER, IN NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE, OF THE PURCHASE PRICE OF THE PRODUCT, SHALL BE THE SOLE REMEDY OF THE USER OR BUYER.

EPA Reg. No. 74779-9

©2009 Rainbow Treecare Scientific Advancements
The Rainbow logo is a trademark of Rainbow Treecare Scientific Advancements.

CONDITIONS OF SALE AND A LIMITATION OF WARRANTY AND LIABILITY

Notice: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Tree injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or tree conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS or seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS and seller harmless for any claims relating to such factors.

RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions. This warranty does not extend to the use of the product contrary to label instructions, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the fullest extent permitted by law, RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS and Seller offer this product, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS.



Distributed By:
Rainbow Treecare Scientific Advancements
11571 K-Tel Dr
Minnetonka, MN 55343
1-877-ARBORIST
1-877-272-6747
www.treecarescience.com

Ho

A superior spr

than 1 time per
when there is
a deficit in
is under stress.

chedule outlined
or Use or
late Agricultural
pray Guide for
is of
Oils.

October may
age to citrus
just and
fect solid
rd color.

VIMENTS

er Spruce. Use with
ie with Caution and
, Red Cedar and

leaves and stems until

EPA Reg. No. 74779-9

EPA Est. No. 52467-WI-1

©2009 Rainbow Treecare Scientific Advancements
The Rainbow logo is a trademark of Rainbow Treecare Scientific Advancements

AD 120809

Job# 45075

C
R
1
1

WARRANTY

ing or using this product. If the terms

sociated with the use of this product.
use or application, weather or tree
the control of RAINBOW TREECARE
ed by Buyer and User, and Buyer and
to such factors.

n on the label and is reasonably fit for
se with directions. This warranty does
use. TO THE EXTENT CONSISTENT
CHANTABILITY OR OF FITNESS FOR

able for any incidental, consequential
PPlicable LAW, THE EXCLUSIVE
CH. OF WARRANTY, CONTRACT,
PRODUCT, SHALL BE THE RETURN
ADVANCEMENTS OR SELLER, THE

ms of Sale and Limitation of Warranty
of RAINBOW TREECARE SCIENTIFIC

Net Contents:

2.5 gallons
(9.46 Liters)

RTSA Horticultural Oil

A superior spray oil for insect, mite, and fungal pests on fruit trees and ornamentals.

ACTIVE INGREDIENT:

Mineral Oil*	98.8%
Other Ingredients:	1.2%
Total	100.0%

*Contains petroleum distillates

*Un sulfonated Residue of Petroleum Distillate 92.0% Min

*50% Distillation Point of Petroleum Distillate 414.0° F

*Flash Point 345.0° F

Weight per Gallon 7.1 lbs

EPA Reg. No. 74779-9

EPA Est. No. 52467-WI-1

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See Side/Back Panel for Additional Precautionary Statements, First Aid and Directions for Use

Distributed by:
Rainbow Treecare Scientific Advancements
11571 K-Tel Dr. Minnetonka, MN 55343
1-877-272-6747 www.treecarescience.com

AD 120809

