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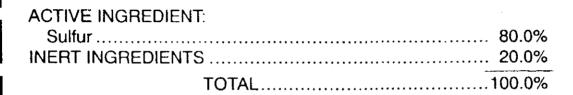
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	· · · · · · · · · · · · · · · · · · ·	Application	on for Pestic	ide - Sectio	n I		
1 Company/Product Mar 4581-373	olior			Product Manage C. Welch	· f	1 .	uposed Classification
4. Company/Product (Na	ma '		₽M#				None Restricted
Microthiol 5 Name and Address of	Special			21			E11 D.A. C
Elf Atochem North Apprehenneally Div	America, Inc.		(b)(i), to:		imilar or ident		FIFRA Section 3(c)(3) mposition and labeling
Chuck if	this is a new address		Prod	uct Name			
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Explanation: Use add Notification of: This notification is other changes have	esponse to Agency letterain below. tional page(s) if necessate consistent with the consistent with the consistent because to the lab	ry. (For section be provisionate or the	n Land Section II.) s of PR Notice	Agency letter of "Me Too" App Other - Explain 95–2 and FPA statement of	regulations	at 40 C	fuct. I understand
that it is a violation that if this notifical in violation of FIFI	ation is not consis	stent with th	ne terms at PK	Notice 95-2 a and penalties	and 40 CER 15	2.46. U	nis product may be
1. Material This Product	Will Be Packaged In:						
Child-Resistant Packaging	Unit Packaging		Water Soluble I	Packaging	2. Type of		
Yes*	Yes		Yes			Metal Plastic	
* Certification must be submitted	If "Yes" Unit Packaging wgt	No. per container	If "Yes" Package wgt	No. per container		Glass Paper Other (S	pecify)
3. Location of Net Conter	nts Information	4, Size(s) Ret	ail Container		Location of Lab	el Directio	ns
Label	Container				On Label	ng accom	panying product
6. Manner in Which Labe	is Affixed to Product	Lithog Paper Stenci	raph glued led	Other _			
			Section - I	V			
1. Contact Point (Camp)	ate items directly below :	for identificatio	n of individual to b	e contacted, if n	ecessery, to pro	cess this	application.)
Name			Title		J		No. (Include Area Code)
Joseph R. Sol	ja	1	Manager, Re	egulatory A	ffairs	1	3-1838 (x210)
	atements I have made or any knovingly false or r ile law		all attachments th			iplete.	6 Data Application Received
2 Signature			3. Title Manager, Ro	egulatory A	ffairs		
4 Typed Name Joseph R. Solga			8-25-9!	b			
FPA Lorio B's 70 ↑ (Rev. B	94) Presions editions are	- disolete		White	EPA Tile Copy	(ongmal)	Yellow Apperain Cor







Micronized Wettable Sulfur



CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN, wash with soap and water.

IF IN EYES, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

IF SWALLOWED, give one or two glasses of water and induce vomiting by sticking finger down throat. Never give anything by mouth to an unconscious person.

EPA Reg. No. 4581-373

EPA Est. No. 44420-FR-1

NET CONTENTS _____

Sold By

ELF ATOCHEM NORTH AMERICA, INC. AGCHEM DIVISION

2000 Market Street, Philadelphia, PA 19103

CHEMIGATION NOT FOR THIS USE IN CALIFORNIA

GENERAL INSTRUCTIONS

Apply this product only through sprinkler imgation systems including center proof, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move. Do not apply this product through any other type of irrigation system.

Crop injury and/or lack of effectiveness, can result from nonuniform distribution of treated water.

If you have any questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Do not connect chemigation system to any public water system. Public water system means a system for the provision of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days (ut of the year.

SYSTEM REQUIREMENTS

Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:

The system must contain a functional check valve, vacuum relief valve, and flow pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quickclosing check valve to prevent the flow of fluid back toward the injection rump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

INSTRUCTIONS FOR SPRINKLER (OVERHEAD) IRRIGATION:

Observe the requirements in the System Requirements section above.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Apply MICROTHIOL SPECIAL only through systems containing anti-syphon and check valves designed to prevent water source contamination or overflow of the mix tank and containing interlocking controls between the metering device and the water pump to insure simultaneous shut-off.

Maintain a gentle continuous agitation in mix tank during mixing and application to assure a uniform suspension.

Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute suspension per unit time.

Application of more than recommended quantities of irrigation water per acre may result in decreased product performance

Oo not apply when wind speed favors drift, when system connections or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product cannot be flushed and must be dismantled and drained. In a center pivot system, block the nozzle set nearest the well/pivot/injection unit to prevent spray being applied to this area.

Where sprinkler distribution patterns do not overlap sufficiently, unac ceptable disease/mite control may result

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water

MICROTHIOL SPECIAL may be applied in conjunction with chemically neutral liquid fertilizers. Application in conjunction with highly alkaline fertilizers, such as aqueous ammonia, may cause a degradation of the pesticide, resulting in reduced performance and should be avoided.

Check local restrictions and requirements regarding sprinkler irrigation applications, as they may vary from state to state.

SPRAY PREPARATION

Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

Prepare a suspension of MICROTHIOL SPECIAL in a mix tank. Fill the tank with 1/2 or 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the required amount of MICROTHIOL SPECIAL and then the remaining volume of water.

APPLICATION INSTRUCTIONS:

Set sprinkler system to deliver 0.1 to 1.25 inches of water per acre. Volumes of water higher than this may reduce efficacy. Start sprinkler and then uniformly inject the suspension of MICROTHIOL SPECIAL into the irrigation water line so as to deliver the desired rate per acre. The suspension of MICROTHIOL SPECIAL should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing.

NOTE: When treatment with MICROTHIOL SPECIAL has been completed, do not irrigate the treated area for 24 to 48 hours to prevent washing the chemical off the crop.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION

May cause irritation of eyes. Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- . long-sleeved shirt and long pants;
- · waterproof gloves, 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 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.

ENVIRONMENTAL HAZARDS ..

Do not apply directly to water, or to areas where serface water is present or to intertidal areas below the mean highwater mark. Do not apply where runoff is likely to occur. Do not centaminate water when disposing of equipment washwaters.

•...:

DIRECTIONS FOR USE

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

Do not apply this product through any type of irrigation system.

OBSERVE SPECIFIC INSTRUCTIONS FOR USE IN CALIFORNIA.

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 greenisouses, 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 restrictedentry 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 24 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.
- · waterproof gloves,
- · shoes plus socks.

APPLICATION INSTRUCTIONS

Apply through any type of handheld, knapsack, mechanical or pneumatic spraying equipment.

MIXING. Pour the required amount of MICROTHIOL SPECIAL into the indicated amount of water while stirring. MICROTHIOL SPECIAL disperses instantly.

Dilute Application:

Field: Specified rate in 20 to 60 gallons of water per acre Orchard: Specified rate in 100 to 800 gallons of water per acre Concentrated Application:

Field: Specified rate in 5 to 10 gallons of water per acre. Orchard: Specified rate in 20 to 100 gallons of water per acre. Aerial Application:

Field: Specified Rate in 3 to 20 gallons of water per acre. Orchard: Specified rate in 10 to 20 gallons of water per acre.

COMPATIBILITY

Microthiol Special is completely compatible with Bordeaux mixture, copper fungicides, liquid fertilizers and all organic fungicides, insecticides, acaricides and herbicides.

USE INSTRUCTIONS

Some crops may be damaged by sulfur under certain climatic conditions, such as when temperature is high. Do not apply at such times. Crops grown in greenhouses may be much more sensitive to sulfur injury, so the lowest labeled rate (or below labeled rates) should be tried initially. Do not use on any crop unless sulfur has been shown to be safe in your locality. Do not allow spray to drift onto sulfur-sensitive crops such as apricots, cranberries, spinach and d'Anjou pears.

Do not use within two weeks of an oil spray treatment, except for Dormant, Delayed Dormant, or Postharvest applications with a suitable oil. For citrus, do not apply within 21 days of an oil spray. Spreader/stickers are not required for use with MICROTHIOL. If spreader/stickers are used with MICROTHIOL, foliar injury may be enhanced under high temperatures. When growing crops for processing, consult the processor before applying sulfur.

NOTE: The application rates specified for each crop are the maximum that shou'd be applied. These amounts may be reduced if experience or local practice indicate that lesser amounts may be effective. Consult State Agriculture Experiment Station or State Extension Service specialist for rates recommended in your local area.

VEGETABLE CROPS

CROP	PEST	RATE LBS/A	DIRECTIONS
Beans	Leaf Spot Powdery Mildew	7	Apply at early leaf stage and repeat at 14-day intervals or as needed.
Broccoli, Brussets sprouts, Cabbage, Cauliflower	Powdery Mildew Red Spider Mite	3-10	Begin application at early leaf stage. Repeat every 10 to 14 days or as needed.
Carrots	Powdery Mildew Petrobia Mite	3-10	Apply at early leaf stage and repeat every 14 days or as needed.
Cucumbers	Powdery Mildew	2-4	Apply when disease first appears and repeat as necessary. Do not apply more than 2 pounds MICROTHIOL per acre per application during periods of high temperatures.
Greens Collards, Kale, Mustard	Powdery Mildew Red Spider Mite	3-10	Apply at early leaf stage and repeat every 14 days or as needed.
Lettoce (Head and Leat)	Powdery Mildew Rust Red Spider Mite	5 6	Apply at early leaf stage and repeat every 14 days or as needed Thorough coverage is required
Omons Garle Dry Omons Dry Shallots	Powdery Mildew Petrobia Mite	3 10	Apply when disease first appears and repeat as needed California Only: Apply 6 lbs per acre when disease first appears and repeat as necessary
Polatoes	Powdery Mildew Red Spider Mite	٠,	Apply at early leaf stage and repeat every 14 days are is needed
Peppers	Powdery Mildew Broad Mile* Red Spider Mile	3 10	Apply at early leaf stage and repeat every 34 days or as needed

TNOT FOR THICKING IN CALIFORNIA.

. VEGETABLE CROPS continued

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1	CROP	PEST	RATE LBS/A	DIRECTIONS				
Ì	Rufabagas	Powdery Mildew Red Spider Mile	3 54)	Apply at early leaf stage and repeat every 14 days or as overled. California Only: Apply 5 lbs per acre at early leaf stage and repeat every 14 days or as overled.				
	Squasti	Powdery Mildew	's 10	Apply when disease first appears and repeat as overded. Sulfor can differ plants, especially when temperature reaches 95° f On not use on sulfur sensitive varieties.				
	Lomatoes	Ewo Spotted Mite? - Rossat Mite Powdery Mildew	5 10	Begin application when symptoms first appear. Thorough coverage exrequited				
	Turmps	Powdery Mildew Red Spider Mite	3 10	Apply at early leaf stage and repeat every 14 days or as needed. Catrlorna Only: Apply 5 lbs per agre at early leaf stage and repeat every 14 days or as needed.				

^{*}NOT FOR THIS USE IN CALIFORNIA

FRUIT AND NUT CROPS

CROP	PEST	RATE LBS/A	DIRECTIONS
Almonds	Brown Ret Leaf Spot Silver Mite Flat Mite Red Spider Mite	10 20	Apply at bloom or early petal fall. Repeat as necessary, usually 10 to 14 days or after a period of wet weather
Apples, Pears	Powdery Mildew Scab Blister Mite Two-Spotted Mite* Red Spider Mite	10-20	Apply at prebloom and petal fall. Apply with cover sprays throughout the season. Do not apply to d'Anjou pears.
Apples, Pears (Dormant, Delayed Dormant, or Postharvest)	Pear Psylla Blister Mite Two-Spotted Mite* Red Spider Mite	10-20	Apply with a suitable spray oil postharvest and during the dormant periods of bud development. Do not apply to sensitive varieties of pears except at these stages.
Avocados	Brown Mite	10-20	Apply as needed.
Citrus	Broad Mite* Citrus Rust Mite* Flat Mite Silver Mite Bud Mite* Red Spider Mite Six-spotted Mite* Thrips* Yuma Spider Mite*	10-15	Apply as needed. Do not apply within 21 days of an oil spray.
Figs	Mites, including Fig Mite, Eriophyid Mites	5	Apply at a minimum of 100 gallons per acre: Begin applications in April, and continue on a 3-4 week schedule through June.
Grapes	Powdery Mildew Bud Mite Blister Mite Red Spider Mite Phomopsis	3-10	Apply throughout the season at 7 to 14-day intervals or as needed. Thorough coverage is required Note: Use with caution on concord or labrusca type grapes as injury can occur after bloom.
Mangos	Powdery Mildew	10-30	Begin application before bloom. Repeat at bloom, after fruit set, and 3 weeks later or as necessary
Melons	Powdery Mildew	5-10	Apply when disease first appears and repeat as needed. Sulfur can injure plants, especially when temperature reaches 95° F. Do not use on sulfur sensitive varieties.
Pecans NOT FOR USE IN CALIFORNIA	Powdery Mildew Sooty Mold Two-Spotted Mite Red Spider Mite Erlophyid Mites (including Pecan and Hickory)	5-10	Apply throughout the season as needed. Note: Some varieties of pecans are sensitive to sulfur sprays under certain conditions. Do not apply unless varieties are known to be tolerant of sulfur.
Pistachios	Mites	10-20	Begin applications in June-July Make additional applications as necessary. When temperatures exceed 95°F, lower rates and more frequent applications are advised in order to avoid crop injury.
Pomegranates	Mites	3-10	Begin applications in May or June. Make additional applications on \$3.4 week schedule, or as necessary. Use higher rates if past mite damage has been high. If temperatures exceed 95°F, lower rates and more frequent applications are advised in order to avoid crop injury.
Stone Fruits. Peaches. Plums. Cherries. Nectarines. Prunes	Powdery Mildew Brown Rot Leaf foot Silver Mite Flat Mite Red Spider Mite	10 20	Follow directions for almonds, above For Brown Rot of fruit, apply when fruit starts to ripen Do not apply to apricots.
Walnuts, Macadamias*	Pacific Mite Almond Mite Two Spotted Mite* Red Spider Mite Broad Mite*	10 20	Apply throughout the season as needed. Note: Some varieties of walnuts are sensitive to sulfur sprays under certain conditions. Do not apply unless varieties are known to be tolerant of sulfur.

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THEO CROPS

CROP	PEST	RATE LBS/A	DIRECTIONS
Allada NOT LOPUUSI IN CALIFORNIA	Allantic Mite Red Spider Mite	8 10	Apply throughout the season as necessar;
Cereals Corn Wheat Barley Oafs, Rye Sorghum	Red Spider Mite Two Spotted Mite* Pacific Mite Attantic Mite	8 10	Apply when symptoms best appear and repeat apple aftons as necessary
Cotton	Atlantic Mite* Two-Spotted Mite* Red Spider Mite	5-10	Apply throughout the season as necessary California Only: Apply a maximum of 5 lbs per acre as necessary
Peanuts	Powdery Mildew Leal Spot Two-Spotted Mite Red Spider Mite Rust*	5-8	Apply at early leaf stage and repeat applications as necessary
Soybeans	Leaf Spot Powdery Mildew	10-15	Apply at early leaf stage and repeat at 14-day intervals or as needed.
Sugar Beets	Powdery Mildew Red Spider Mite	5-10	Apply as soon as symptoms appear and repeat every 2 to 3 weeks or as needed.

^{*}NOT FOR THIS USE IN CALIFORNIA

SMALL FRUITS AND BERRIES

CROP	PEST	RATE LBS,A	DIRECTIONS
Blackberries, Boysenberries, Dewberries, Loganberries, Blueberries, Gooseberries, Huckleberries, Currants	Powdery Mildew	6-15	Begin application before blossoms open and continue at 10-day intervals or as needed.
Raspbernes	Powdery Mildew	6-15	Apply each week from first bloom to fruit set. Repeat as the weather requires.
Strawberries	Powdery Mildew Two-Spotted Mite* Red Spider Mite	5-10	Begin application at early leaf stage and repeat as needed. Do not use on sulfur-sensitive varieties

MISCELLANEOUS CROPS

CROP	PEST	RATE LBS/A	DIRECTIONS
Spearrnint, Peppermint NOT FOR USE IN CALIFORNIA	Powdery Mildew	4-6	Apply when mint is 5-6" tall or when disease appears. Repeat twice, at 30-day intervals. Do not apply within 30 days of harvest.
Hops NOT FOR USE IN CALIFORNIA	Red Spider Mite	2.6	Begin applications at early leaf stage, and repeat as needed
Ornamentals, Roses	Powdery Mildew Leaf Spot Two-Spotted Milte*	3-10 by ground or 3-20 by air	Apply to ensure complete plant coverage. Begin when disease first appears and repeat at 5-10 day intervals.

^{&#}x27;NOET OR THIS USE IN CALIFORNIA.





MICROTHIOL SPECIAL applications will also provide elemental sulfur to meet a plant's nutritional requirements, and should be considered as part of the total nutritional supplements for the crop

MICROTHIOL SPECIAL can be used as a micronutrient supplement as a foliar spray, or through soil applications. Use only on the crops listed on this label, and do not exceed the maximum rate per acre for each crop. Also, follow all other label directions regarding the use of oils and other adjuvants, and use during high temperatures to avoid any crop injury.

STORAGE AND DISPOSAL

STORAGE INSTRUCTIONS: Store in a closed package in a cool, dry place. Do not store near flammable materials. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, sweep up spillage and dispose of in accordance with the Pesticide Disposal Instructions below.

PESTICIDE DISPOSAL INSTRUCTIONS: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL INSTRUCTIONS: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment, then dispose of bag in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND DISCLAIMER

Elf Atochem North America warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. ELF ATOCHEM MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL ELF ATOCHEM OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE UNE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LABOR COST; OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING.

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