



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 14 1994

Linda C. Watson
SUNBELT CHEMICAL INC.
Highway 31 West
Atmore, AL 36502

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/15/93 in Response to PR Notice 93-7
EPA Reg. No. 49832-5
SUNBELT FLOWABLE SULFUR

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola ink on paper that
contains at least 50% recycled fiber

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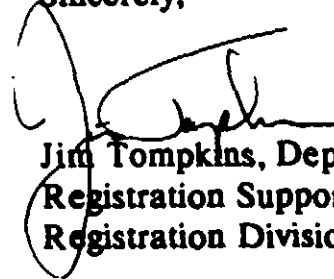
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Linda C Watson
SUNBELT CHEMICAL INC.
HIGHWAY 31 WEST
ATMORE AL 36502

Comment for: EPA Reg Nr.49832-5
SUNBELT FLOWABLE SULFUR

The following specific comments pertain to your WPS
labeling submission concerning the product
cited above:

Add the following User Safety Recommendation to the label
in the location shown in Section A on Part I of the Product
Worksheet in Supplement Three-A to PR Notice 93-7: "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."

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SUNBELT FLOWABLE SULFUR

ACTIVE INGREDIENT:

Sulfur..... 53.0%

INERT INGREDIENTS:..... 47.0%

TOTAL:.....100.0%

This product contains 6 lbs. of Sulfur per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash immediately with soap and water. Get medical attention.

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

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

See Side Panel for Additional Precautionary Statements.

EPA Reg. No. 49832-5

EPA EST. NO. 49832-AL-1

MANUFACTURED BY:

SUNBELT CHEMICALS, INC.
P. O. Box 5
Atmore, Alabama 36504

NET WEIGHT 57 LBS.
NET CONTENTS 5 GALLONS

ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN 14 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

49832-5

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long-sleeved shirt and long pants, water-proof 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.

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.

USER SAFETY RECOMMENDATIONS

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not apply where runoff conditions are likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Sulfur dust suspended in air ignites easily. Keep away from heat, sparks and flame. Do not smoke while applying this product.

DIRECTIONS FOR USE

It is a violation of Federal 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.

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 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 and shoes plus socks.

STORAGE AND DISPOSAL

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

STORAGE: Store unused product in original container only in cool, dry area out of reach of children and animals.

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

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

PRODUCT INFORMATION

SUNBELT FLOWABLE SULFUR is a flowable sulfur formulation that may be applied as a ground or aerial application. Consult your State Agricultural Experiment Station or Extension Specialist for advise in selecting treatments from this label to best fit local conditions.

USE ONLY ON CROPS LISTED AND ONLY AS SPECIFIED ON THIS LABEL. EXCEPT ON COTTON, do not apply when temperatures exceed or are likely to exceed 90°F. Do not use sulfur with oil or within 14 days of an oil spray (for citrus 21 days). Do not combine with emulsifiable liquids.

NOTE: Sulfur will cause severe fruit and leaf injury to sulfur-sensitive crops. Do not apply or allow to drift to apricots, d'Anjou and Comice pears, cranberries, cucurbits (cucumber, cantelopes, melons, squash), filberts, spinach, tung trees, walnuts or other sensitive plants. Sulfur may burn foliage and fruit during periods of high temperatures and under certain climate conditions.

SUNBELT FLOWABLE SULFUR can be mixed and applied with wettable sulfur, liquid fertilizer, or water.

DO NOT STOP AGITATION WITH SULFUR IN SPRAY EQUIPMENT. SULFUR IS HIGHLY CORROSIVE, AND EQUIPMENT SHOULD BE CLEANED THOROUGHLY AFTER EACH DAY'S SPRAYING.

RECOMMENDATIONS

FRUIT TREE CROPS:

Unless otherwise specified for specific crops, dosage rates are given as pints of **SUNBELT FLOWABLE SULFUR** per 100 gallons water for use in a thorough coverage spray. The total amount of **SUNBELT FLOWABLE SULFUR** per acre should be 1 to 4 gallons depending on the size of the trees. Because of variations in the types of spray equipment used, a range of low and high rates is listed. For high volume sprayers (output 800 to 1,000 gallons spray per acre) use the low rate per 100 gallons. For low volume sprayers (output 20 to 300 gallons per acre) use the high rate per 100 gallons. Apply in sufficient water for thorough coverage for aerial application, use a minimum of 5 gallons of finished spray per acre.

APPLE, PEAR:

Scab:

Pre-bloom through calyx sprays.....1½ to 3½ pints
Cover sprays.....3/4 to 2 pints

Powdery Mildew:

Pre-bloom through calyx sprays.....3 pints
Cover Sprays.....2 pints

CHERRY, PLUM, PRUNE:

Brown Rot, Leaf Spot:

Pink and Bloom Sprays.....1½ to 3½ pints
Petal Fall, Shuck & Cover Sprays.....2/3 to 1 3/4 pints

CITRUS:

Rust Mite, Clover Mite:

Apply sprays November thru May.....3/4 to 4½ pints

Thrips:

(Early spring treatment for the reduction of Thrips population:
Apply 1 to 3 gallons per acre in sufficient water for thorough
coverage. Make application after spring flush has made 3 to 1
inch growth. Repeat if necessary. Do not apply within 21 days
of an oil application.

PEACH, NECTARINE:

Powdery Mildew, Brown Rot, Scab:

Pink and Bloom Spray.....1½ to 3½ pints
Petal Fall, Shuck and Cover Sprays.....2/3 to 1 3/4 pints

Application to mature nectarines may cause discoloration.

FIELD AND VINE CROPS

Unless otherwise specified for specific crops, dosage rates are given
as pints of SUNBELT FLOWABLE SULFUR per acre. This product should
be applied by ground equipment or aircraft in sufficient water to
provide thorough coverage. For aerial application, use a minimum
of 5 gallons of finished spray per acre.

IMPORTANT: Use the higher dosage during periods of frequent and
heavy rainfall. Apply often enough to keep susceptible growth
covered. This may require weekly or bi-weekly applications during
periods of rapid growth and frequent rainfall.

COTTON: Atlantic Mite: 2 pints for early season control and up to
1 gallon for mid to late season control.

GRAPES: Powdery Mildew: Use 1 to 2 pints per 100 gallons water,
maximum of 8 pints SUNBELT FLOWABLE SULFUR per acre in spring and
summer. Make first application when shoots are 6 to 8 inches long,
second when shoots are 12 to 15 inches long, and third at about
bloom stage. The timing rate and number of applications will vary
with local conditions. Consult State Agricultural Extension Service
or State Agricultural Experiment Stations in your region for specific
information. Follow the USE PRECAUTIONS given on this label.

PEANUTS: For rust use 2 to 4 pints per acre of SUNBELT FLOWABLE SULFUR in enough water for good coverage. Begin 40 to 60 days after planting. Use 7 to 14 day intervals as long as needed to control rust.

POTATOES: Powdery Mildew: Use 3 to 4 pints to 8 gallons water per acre by air. Apply at the first sign of infection and repeat at 3 week intervals.

SUGAR BEETS: For control of powdery mildew apply the recommended rate in 10 gallons of water per acre by air at first sign of infection. Use 8 pints per acre in Arizona and 4 pints per acre in other states. Repeat applications should be made at 10 to 30 day intervals or as necessary throughout the season. Under most disease conditions only one or two applications will be needed.

STRAWBERRIES: Powdery Mildew: Use 2 pints. Apply at first sign of infection and repeat at 3 week intervals. For strawberries that will be canned, discontinue application of sulfur well before harvest in accordance with local canners' recommendations.

TOMATOES: Tomato Russet Mite: Use $\frac{1}{2}$ to 1 gallon per acre depending upon size of plants. Use full coverage sprays.

WARRANTY STATEMENT

SUNBELT CHEMICALS, INC. warrants that this product in its unopened package conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions on the crops specified. There are no other warranties, expressed or implied, concerning the use of the product other than indicated on the label. This warranty does not extend to the handling or use of this product contrary to the label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.