



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

62562-4

Date of Issuance:

FEB 26 1999

Term of Issuance:

Conditional

Name of Pesticide Product:

Sulphur W.G.

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ms. Wendy A. McCombie
for Quimetal Industrial S.A.
Lewis & Harrison
122 C Street, N.W., Suite 740
Washington, D.C. 20001

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered, reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 62562-4".

3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Mary J. Waller

Date:

2/26/99

Sulphur W.G.

MICRONIZED WETTABLE SULPHUR
WDG (WATER DISPERSIBLE GRANULE)

ACTIVE INGREDIENT:	BY WT.
Sulphur*	80.0 %
INERT INGREDIENTS:	20.0%
TOTAL:	100.0 %

*CAS No. 7704-34-9

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT (First Aid)

If swallowed: Call a physician or Poison Control Center. Drink 1-2 glasses of water and induce vomiting by touching back of throat with finger. Get medical attention. If person is unconscious, do not give anything by mouth, and do not induce vomiting.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If on Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If in Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

See additional Precautionary Statements on side panel.

Manufactured by:
Quimetal Industrial S.A.
Casilla 10
Santiago 13
Chile

EPA Reg. No. 62562-not yet assigned
EPA Est. No.

*NET CONTENTS:

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

FEB 26 1999

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

62562-4

**PRECAUTIONARY STATEMENTS
CAUTION
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and others handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

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.

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

Remove personal protective equipment 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 and aquatic organisms. 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 rinsate or equipment washwaters.

PHYSICAL HAZARDS

Sulphur dust suspended in air ignites easily. Keep away from heat, sparks, or flames. 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 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, 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). 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. **EXCEPTION:** If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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.

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

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal of this product.

STORAGE: Store in a cool, dry area.

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

CONTAINER DISPOSAL: Completely empty bag into application equipment; then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Sulphur may cause severe fruit and foliage injury to certain crops. Sulphur sensitive plants include D'Anjou and Comice pears, apricots, cranberries, certain varieties of cucurbits, filberts, spinach, Tung walnuts, and certain ornamentals. Apples, pears and strawberries are susceptible to foliage burn with sulphur under certain climatic conditions. Sulphur may burn foliage when temperature is high. Do not apply if temperature during or within 3 days after application are expected to exceed 90° F in the area to be treated. Sulphur W.G. may be applied with oil during dormant and delayed dormant applications according to specific direction. Do not use within 2 weeks of an oil spray treatment (on citrus within 3-6 weeks). When growing crops for processing consult the processor before applying sulphur.

Measure needed amount into bucket, stir to make thin slurry. Add to tank when part full and before other materials are added. Add wetting agents last to avoid foaming.

DIRECTIONS FOR DILUTION

DILUTE APPLICATION: Ground application: Apply specified rate in 20-60 gallons of water per acre. Orchard application: Apply specified rates in 100-800 gallons of water per acre.

CONCENTRATE APPLICATION: Ground application: Apply specified rate in not less than 5 gallons of water per acre. Orchard application: Apply specified rate in 20-100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

AERIAL APPLICATION: Apply specified rate in 5-20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

USE HIGH DOSAGE RATES WHEN DISEASE PRESSURE IS SEVERE.

CROP USE DIRECTIONS

ALMONDS: Brown Rot Blossom and Twig Blight, Leaf Spot, Red Spider Mites. Apply 10-30 lbs. per acre. Apply at bloom or early petal fall. Apply with cover sprays throughout the season. Apply with spray oil during the dormant and delayed dormant periods of bud development using 10-20 lbs. per acre.

APPLES, PEARS: Powdery Mildew, Scab, Blister Mites, Red Spider Mites. Apply 10-30 lbs. per acre. Do not apply to D'Anjou pears. Apply pre-bloom and petal fall. Apply with cover sprays throughout the season. Apply with spray oil during the dormant and delayed dormant periods of bud development using 10-20 lbs. per acre. Do not apply to sensitive varieties of pears except at these stages.

ASPARAGUS: Rust. Apply 10-30 lbs. per acre. Use after cutting stops. Irrigate and cultivate before applying. Repeat at 7-10 day intervals through the fern growth season.

AVOCADOS: Brown Mite. Apply 10-30 lbs. per acre when mites are first noticed.

BEANS, PEAS, PEPPERS, POTATOES: Powdery Mildew, Red Spider Mites. Apply 3 to 5 lbs. per acre. Start in early leaf stage. Repeat application every 10-14 days, with or without pesticides, immediately after a rain.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COLLARDS, KALE: Powdery Mildew, Septoria Leaf Spot, Red Spider Mites. Apply 3-5 lbs. per acre. Start in early leaf stage. Repeat applications every 10-14 days, with or without pesticides, immediately after a rain.

BLACKBERRY (Rubis Spp.): Powdery Mildew. Apply 6-15 lbs. per acre. Begin when new shoots are 6 inches long and before blossoms open. Repeat at 10 day intervals or as necessary.

CARROTS, GARLIC, ONIONS: Petrobia Mite, Powdery Mildew. Apply 3-10 lbs. per acre when disease first appears and repeat as needed.

CHERRIES: Brown Rot Blossom and Twig Blight, Powdery Mildew, Leaf Spot, Silver Mites, Flat Mites, Red Spider Mites. Apply 10 to 30 lbs. per acre. Apply at bloom or early petal fall. Repeat as necessary, usually 10-14 days or after a period of wet weather.

CITRUS: Flat Mites, Silver Mites. Apply 8-20lbs per acre. Apply in any spray - NOT CONTAINING OIL - or following oil by 21 days.

COTTON, SEED ALFALFA: Red Spider Mites. Apply 3 to 5 lbs. per acre.

CUCURBITS: Powder Mildew, Bug Mites, Blister Mites, Red Spider Mites. Apply 2 to 10 lbs. per acre. Application intervals throughout the growing season 10-14 days.

GRAPES: Powdery Mildew, Bug Mites, Blister Mites, Red Spider Mites. Apply 2 to 10 lbs. per acre. Apply in late dormant or with cutworm spray, early shoot period and through season on a 14 day schedule or with pesticides.

HOPS: To aid in the suppression of Red Spider Mites, use 2-6 lbs. per acre by air or ground. Do not apply in less than 10 gallons of water per acre. Mix 2-6 lbs. per 100 gallons of water.

MELONS: Powdery Mildew. Apply 20-25 lbs. per acre. Treat when the disease first appears and repeat as necessary. Sulphur can injure plants, especially when the temperature reaches 95°F. Do not use on sulphur sensitive varieties.

PEACHES AND NECTARINES: Brown Rot Blossom and Twig Blight, Powdery Mildew, Silver Mites, Red Spider Mites. Apply 10-30 lbs. per acre. Apply at bloom or early petal fall. Repeat as necessary, usually 10-14 days, or after a period of wet weather.

PEANUTS: Powdery Mildew, Red Spider Mites, Leaf Spot. Apply 3 to 5 lbs. per acre. Start in early leaf stage. Repeat application as necessary, usually 10-20 days.

PEPPERMINT, SPEARMINT: Powdery Mildew. Apply 4-6 lbs. per acre when mint is 5-6" tall or when disease appears. Repeat twice at 30 day intervals. Do not apply within 30 days of harvest.

PLUMS AND PRUNES: Brown Rot Blossom and Twig Blight, Powdery Mildew, Silver Mites, Red Spider Mites. Apply 10 to 30 lbs. per acre. Apply at bloom or early petal fall. Repeat as necessary, usually 10-14 days, or after a period of wet weather.

RASPBERRY (Rubis Spp.): Powdery Mildew, (Sphaerotheca Humuli). Apply 6-15 lbs. per acre. Spray each week starting at first bloom color. Continue until fruit is set; then repeat as weather requires.

STRAWBERRIES: Powdery Mildew, Red Spider Mites. Apply 5-10 lbs. per acre. Start in early leaf stages. Repeat application with or without pesticides. For powdery Mildew, begin at first signs of disease and repeat as necessary.

SUGAR BEETS: Red Spider Mites (Spp.), Powdery Mildew. Apply 10-20 lbs. per acre. Apply at first indication of problem with or without other pesticides. Repeat as necessary.

TOMATOES: Russet Mites. Apply 10-20 lbs. per acre. Thorough coverage is required.

WALNUTS: European Red Mites, Pacific Mites, Almond Mites, Two-spotted Mites, Red Spider Mites: Apply 10-20 lbs. per acre. Apply with mite sprays during season to increase the effectiveness of miticides. CAUTION: Certain varieties of walnuts are sensitive to sulphur sprays under certain conditions. Do not apply unless the varieties are known to be tolerant to sulphur in your area.

SULPHUR W.G. applications will provide sulphur for the plant's nutrient requirements and should be considered in the total plant nutrient applications. SULPHUR W.G. can be used as a micronutrient supplement by either foliar or soil application. SULPHUR W.G. is recommended on the following crops: alfalfa, almonds, avocados, apples, barley, all beans, broccoli, cabbage, cauliflower, carrots, celery, citrus, corn, grapes, lawns, lettuce, melons, milo, nectarines, rice, pears, peaches, soybeans, sugar beets, sweet corn, strawberries, tomatoes, turnips, walnuts, watermelons, wheat and most other crops. Consult your State Agricultural Experiment Station or Extension Specialist for Advice in selecting treatments to best fit local conditions.

NOTE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions not reasonably foreseeable to seller; the buyer assumes the risk of any such use.