



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

MAR 3 1994

Sharon M. Johnson
ROUSSEL UCLAF CORP
95 CHESTNUT RIDGE RD
MONTVALE NJ 07645

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/29/93 in Response to PR Notice 93-7
EPA Reg. No. 4816-642
BUTACIDE 8 E.C.

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

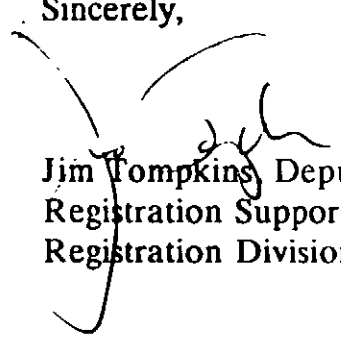
Submit the final printed labeling via the U.S. Postal Service to:

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

376

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Sharon M Johnston
ROUSSEL UCLAF CORP
95 CHESTNUT RIDGE RD
MONTVALE NJ 07645

Comment for: EPA Reg Nr.4816-642
BUTACIDE 8 E.C.

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

User Safety Recommendations must either be placed in a box
or printed on the label in a contrasting color from
surrounding text.

The Agricultural Use Requirements section must be located in
a clearly separate box on the product labeling -- with lines
or other graphic indicators (such as contrasting color) to
separate the section from the surrounding text.

Remove the statement "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." from its current position within
the Agricultural Use Box and place it above the Agricultural
Use Box.

Delete the crossed-out statements on your proposed label.
They are redundant statements or phrases.

BUTACIDE® 8 EC

- TANK-MIX INSECTICIDE SYNERGIST
- CONTAINS 8 POUNDS OF PIPERONYL BUTOXIDE PER GALLON
- IMPROVES CONTROL OF RESISTANT INSECTS
- FOR USE IN RESISTANCE MANAGEMENT PROGRAMS

ACTIVE INGREDIENTS:

*Piperonyl Butoxide, Technical 91.0%

INERT INGREDIENTS: 9.0%
100.0%

*Equivalent to 72.8% (butylcarbityl)(6-propylpiperonyl) ether and 18.2% related compounds.

BUTACIDE - Registered Trademark of Roussel Uclaf Corporation.

EPA Reg. No. 4816-642AA

EPA Est. No.:

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove affected person to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Wash with plenty of soap and water.

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

See Side Panel For Additional Precautions.

NET CONTENTS: _____

Roussel Uclaf Corporation
95 Chestnut Ridge Road
Montvale, NJ 07645

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Concentrated material causes temporary eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray. Wash thoroughly with soap and water after handling.

Personal Protective Equipment:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selections chart.

Applicators and other handlers must wear:

Long-sleeved shirt and long pants
Chemical-resistant gloves such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride, or Viton
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 Statement:

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. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. For terrestrial uses, 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 by cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL

CONTAINERS LARGER THAN ONE GALLON:

Do not contaminate water, food or feed by storage or disposal.
Pesticide Storage and Spill Procedures: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Pesticide Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

CONTAINERS ONE GALLON AND SMALLER:

Storage: Store in original container in a cool, dry place inaccessible to children and pets.

Disposal: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 3 1994

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

4816-642

DIRECTIONS FOR USE

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

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 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.

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 such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride, or Viton
Shoes plus socks

USE ON AGRICULTURAL CROPS:

To be tank-mixed with certain agricultural insecticides, as recommended by local Agricultural Extension Specialists, County Extension Agency, Crop Consultant or Pest Control Advisors. To provide increased control of resistant insects, tank mix Butacide 8 EC at a rate of up to 1 pound of Piperonyl Butoxide per acre (see dilution chart below) with the appropriate amount of companion insecticide and sufficient diluent to ensure uniform coverage and apply per the Directions for Use on the companion insecticide label. Butacide 8 EC may be applied by ground or aerial application equipment.

DILUTION CHART

Pounds PB Per Acre	Fluid Ounces Per Acre	Acres per Gallon
0.125	2	64
0.25	4	32
0.5	8	16
1.0	16	8

Applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing.

USE THROUGH IRRIGATION SYSTEMS (CHEMIGATION)

Refer to supplemental labeling entitled "DIRECTIONS FOR APPLICATION THROUGH IRRIGATION SYSTEMS: (available through your Roussel Uclaf distributor) for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed and the product to be tank-mixed with is labeled for chemigation use.

USE ON GREENHOUSE VEGETABLE, FLOWER, AND FOLIAGE PLANTS:

To be tank-mixed with other insecticides to improve the control of the insects on the crops named on their labels. Observing the directions on the insecticide label, tank-mix at a rate of up to 1 pound of Piperonyl Butoxide per 100 gallons of water (to provide 1 pound of Piperonyl Butoxide, use 16 fluid ounces (1 pint) of Butacide 8 EC).

Plant safety is an important consideration when using insecticides in a greenhouse. However, it is not possible to evaluate the phytotoxicity of Butacide 8 EC in combination with a number of insecticides towards a multitude of plant varieties in different growth stages under varying environmental conditions. Before making widespread applications of Butacide 8 EC, treat a limited number of plants with the Tank Mix, and observe for phytotoxicity over a 10 day period.

Applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing.

USE ON ORNAMENTAL TREE, SHRUB, FLOWER, AND FOLIAGE PLANTS:

To be tank-mixed with other insecticides to improve the control of the insects on the crops named on their labels. Observing the directions on the insecticide label, tank-mix at a rate of up to 1 pound of Piperonyl Butoxide per 100 gallons of water (to provide 1 pound of Piperonyl Butoxide, use 16 fluid ounces (1 pint) of Butacide 8 EC).

Applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing.

USE IN STRUCTURAL PEST CONTROL

IN COMBINATION WITH RESIDUAL INSECTICIDES including, but not limited to, Baygon, Commodore, Conquer, Cynoff, Demon, Diazinon, Dursban, Ficam, Pyrid, Salfroin and Tempo:

To provide increased control of resistant German Cockroaches, tank-mix 0.75 to 3.0 fluid ounces of Butacide 8 EC with the appropriate amount of companion insecticide per finished gallon and apply per the Directions for Use on the companion insecticide label.

Except in Federally inspected meat and poultry plants, food processing operations may continue when this product is applied as a surface spray with care and in accordance with the directions and precautions given above.

In USDA inspected facilities, tank-mix 0.75 to 1.4 fluid ounces of Butacide 8 EC with the appropriate amount of companion insecticide per finished gallon and apply per the Directions for Use on the companion insecticide label.

DILUTION CHART

Percent Piperonyl Butoxide	Fluid Ounces per Gallon	Tablespoons per Gallon
0.5	0.75	1.5
1.0	1.5	3.0
2.0	3.0	6.0

Application must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be tank-mixed with any product with label prohibitions against such mixing.

BEST AVAILABLE COPY

62/16

WARRANTY LIMITATIONS & DISCLOSURE

READ CAREFULLY - Roussel Uclaf Corporation warrants only that this product conforms to the chemical description on its label and is reasonably fit for the purposes stated on its label only when used as stated in the directions and under normal use conditions. Conditions beyond Roussel Uclaf Corporation's control, such as weather conditions, the combination with or presence of other materials, the manner in which the product is used or applied, or other unforeseeable factors, may result in unintended consequences, such as crop injury, or ineffectiveness. No warranty extends to use of the product not in accordance with directions or use under abnormal or unforeseeable conditions, or conditions outside Roussel Uclaf Corporation's control, and Buyer assumes the risk of all such uses.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Baygon, Commodore, Conquer, Cynoff, Demon, Dursban, Ficam, Pyrid, Salfrolin and Tempo are Registered Trademarks of Miles Inc., ICI Americas Inc., Paragon Professional Pest Control Products, FMC Corporation, ICI Americas Inc., DowElanco, Nor-Am Chemical Company, Terminix International Inc., Zoscon Corporation and Miles Inc., respectively.

BEST AVAILABLE COPY