

ROTENONE 1.00% DUST READY TO USE

KILLS: LISTED BEETLES, WORMS,
MOTHS, PLUS FLEAS, LICE, AND
TICKS ON PETS.

USE ON: LISTED VEGETABLES,
SHRUBS, FLOWERS, BERRIES, AND
PETS.

**ALWAYS READ AND FOLLOW
LABEL INSTRUCTIONS.**

EPA Est. No. 4-NY-1 EPA Reg. No. 4-17

Buyers Guarantee Limited to Label Claims.

Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424

BN



1 lb.

DIRECTIONS FOR USE

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

BONIDE ROTENONE 1.00% DUST contains toxicants (Rotenone and Other Associated Resins), a wetting agent, and a diluent to make an effective dust or spray.

HOME VEGETABLES, ORNAMENTALS & SMALL BERRIES

USE RESTRICTIONS

FOR USE ON VEGETABLES, ORNAMENTALS, AND SMALL BERRIES SITES AND PESTS listed in the table.

Do not apply to food crops within 1 day of harvest.

APPLICATION DIRECTIONS

AS A DUST

Mixing Directions: Use as is. No mixing required.

Application Directions: See table for timing of application. Shake can, which can be used as a duster, to fluff powder. Apply using a powder duster or directly from the container, by punching out one or more openings and pressing sides of container rapidly with fingers. Cover all parts of the plant with thin protective film, top and underside of leaves, also, around the stem. One pound treats about 1,500 sq. ft. Repeat at 5 to 7 day intervals or as needed, (especially new growth) until pests are under control.

AS A SPRAY

Mixing Directions: Mix 1 pound per gallon of water. If stronger concentration is needed, use less water.

Application Directions: See table for timing of application. Spray thoroughly, to point of runoff. Apply to upper and lower leaf surfaces and especially around the vine stem. Agitate sprayer to keep nozzle from plugging. Repeat at 5 to 7 day intervals or as needed, (especially new growth) until pests are under control.

SITES, PESTS, AND TIMING OF APPLICATIONS FOR ROTENONE 1.00% DUST

Sites	Pests	Timing of Applications
Vegetables		
Beans	Mexican Bean Beetle	Apply as soon as eggs begin to hatch. Pay special attention to leaf undersides.
Cabbage Cauliflower	Imported Cabbage Worm, Diamond Back Moth	Apply as soon as worms appear. Use dust application.
Potato and Eggplant	Colorado Potato Beetle larvae, Potato Flea Beetles	Apply as soon as pests appear.
Cucumber, Melon	Cucumber beetles, Potato Flea Beetles	Apply as soon as plants appear above ground.
Tomato	Potato Flea Beetles, Colorado Potato Beetle larvae	Apply 2 or 3 days after plants are set in the field.

SITES, PESTS, AND TIMING OF APPLICATIONS FOR ROTENONE 1.00% DUST

Sites	Pests	Timing of Applications
Shrubs, Flowers and Raspberries	Japanese Beetle and Aphids	Apply as soon as pests appear.

DOGS AND CATS (AT HOME)

PRE-TREATMENT DIRECTIONS

READ ENTIRE LABEL BEFORE EACH USE

USE RESTRICTIONS

USE ONLY ON DOGS AND CATS TO KILL FLEAS, TICKS, AND LICE: Do not use on animals under 12 weeks.

SPECIAL ANIMALS

Consult a veterinarian or call 1-800-548-2423 (Animal Poison Control) before using this product on debilitated, aged, pregnant, nursing, or medicated animals.

ADVERSE REACTION INFORMATION

Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately, or call 1-800-548-2423 (Animal Poison Control).

APPLICATION DIRECTIONS

Dust pet thoroughly (except head), beginning at neck and the back, sides, legs, feet (including pads and between toes), and tail. Do not apply to head or allow animal to breathe irritating dust. Rub into fur. Dust sleeping quarters and replace bedding if necessary.

RE-APPLICATION DIRECTIONS

Retreat if animal scratches frequently due to fleas, ticks, or lice. Do not reapply product for 7 days.

DOGS AND CATS (IN KENNELS)

Read "PRE-TREATMENT DIRECTIONS" above first. If treatment is allowed, remove animal, dust bedding, sleeping quarters, whelping box liberally. Do not allow animal to breathe irritating dust cloud. Give special treatment to cracks, crevices, where insects may hide.

RE-APPLICATION DIRECTIONS

Retreat if animal scratches frequently due to fleas, ticks, or lice. Do not reapply product for 7 days.

STORAGE AND DISPOSAL

Storage: Store only in original container, in a dry place inaccessible to children and pets. Store and transport in an upright position.

Disposal: *If empty:* Do not reuse empty container. Place in trash or offer for recycling if available. *If partly filled:* Call your local solid waste agency for disposal instructions.

Never place unused product down any indoor or outdoor drain.

FIRST AID

Have label with you when obtaining treatment advice.

If swallowed: Call a poison control center, doctor or 1-800-858-7378 immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center, doctor, or 1-800-858-7378 immediately for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center, doctor or 1-800-858-7378 immediately for treatment advice.

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 a poison control center, doctor or 1-800-858-7378 immediately for treatment advice.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION - May be harmful if swallowed, absorbed through the skin, or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes, or clothing. Avoid inhalation of dust or spray. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash thoroughly before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish. Do not apply directly to water. Runoff and drift from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be consulted
 for specific requirements.

U.S Department of Labor
Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Bonide Rotenone 1% Dust

ID No. 417

Date: March 10, 2008

Section I

Bonide Products, Inc.
 6301 Sutliff Road
 Oriskany, NY 13424

(800) 424-9300
 (315) 736-8231

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s)	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Cube Powder (Rotenone 83-79-4)	air TWA 5 mg/M3	TWA 5 mg/M3	STEL 10 mg/M3	
Hydrous magnesium silicate CAS # 14807-96-6	None established			

OSHA Nuisance dust limit of 15 mg/M3 and ACGIH Nuisance dust limit of 10 mg/M3 may apply to this mixture.

Section III - Physical/Chemical Ingredients

BOILING POINT: NIA	SPECIFIC GRAVITY (H2O=1): NIA
VAPOR PRESSURE (mmHg): NIA	MELTING POINT: NIA
VAPOR DENSITY (AIR=1): NIA	EVAPORATION RATE: NA
SOLUBILITY IN WATER: Insoluble	
APPEARANCE AND ODOR: Off-white, free-flowing powder.	

Section IV - Fire and Explosion Data

FLASHPOINT: NIA
 FLAMMABLE LIMITS: LEL: NIA UEL: NIA
 EXTINGUISHING MEDIA: Water, foam, dry chemical, carbon dioxide
 SPECIAL FIRE FIGHTING PROCEDURES: Respiratory protection recommended in confined spaces.

Section V - Reactivity Data

STABILITY: Stable CONDITIONS TO AVOID: Excess heat, high humidity
 INCOMPATIBILITY (Materials to Avoid): NIA
 HAZARDOUS DECOMPOSITION OR BY PRODUCTS: NIA
 HAZARDOUS POLYMERIZATION: Will not occur
 CONDITIONS TO AVOID IF POLYMERIZATION: NA

Section VI - Health Hazard Information

ROUTES OF ENTRY: Inhalation, Skin, Ingestion, Eyes
 HEALTH HAZARDS (Acute and Chronic): Skin/eye irritation. Chronic exposure can cause damage to liver and kidneys.
 CARCINOGENICITY: NTP: No IARC Monographs: No OSHA Regulated: No
 SIGNS AND SYMPTOMS OF EXPOSURE: Ingestion or inhalation may cause numbness, nausea, vomiting and/or tremors.
 EMERGENCY AND FIRST AID PROCEDURES:
 INGESTION: Induce vomiting. Consult a physician immediately.
 SKIN: Flush with water. Consult a physician if irritation develops or persists.
 EYES: Flush with water. Consult a physician if irritation develops or persists.
 INHALATION: Remove victim to fresh. Consult physician if irritation develops or persists.

Section VII - Precautions for Safe Handling/Use

STORAGE PRECAUTIONS: Store in cool, dry place inaccessible to children and pets.

CONTROL MEASURES:

RESPIRATORY PROTECTION: NIOSH approved for pesticide dust.

VENTILATION: Local Exhaust is normally adequate. Special is not normally required.

PROTECTIVE GLOVES: Rubber.

EYE PROTECTION: Not normally required.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Washable work clothing.

WORK/HYGIENIC PRACTICES: Launder clothing after use. Wash hands before eating or drinking.

Section VIII - Environmental and Disposal Information

SPILL OR LEAK PROCEDURES: Pick up with minimum generation of dust.

WASTE DISPOSAL METHOD: Dispose according to local, State or Federal regulations.

OTHER PRECAUTIONS: Toxic to fish and wildlife. Do not contaminate water.

KEEP OUT OF REACH OF CHILDREN

ABBREVIATION KEY

N/A: NOT AVAILABLE OR APPLICABLE

TLV: THRESHOLD LIMIT VALUE

STEL: SHORT TERM EXPOSURE LIMIT

NIA=NO INFORMATION AVAILABLE

N/E: NOT ESTABLISHED

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

D.O.T.: DEPARTMENT OF TRANSPORTATION

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.