

(Front Panel)

ACCEPTED
MAR 23 1989
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for this pesticide registered under EPA Reg. No. 228-93

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RIVERDALE
BIN SPRAY

An Insecticide and Miticide For Use on
Stored Grains and Other Sites

ACTIVE INGREDIENT:	✓	
Malathion:	0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate 57.0% ✓
INERT INGREDIENTS:	43.0%
	TOTAL 100.0%

(Contains 5 lbs. premium grade Malathion per gal.)

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS
AND STATEMENT OF PRACTICAL TREATMENT

NET CONTENTS GAL.

EPA REG. NO. 228-93

EPA EST. NO. 228-IL-1

Manufactured By
RIVERDALE CHEMICAL COMPANY
Glenwood, Illinois 60425-1584

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid breathing spray mists and avoid contact with skin. Wash thoroughly after handling. Avoid contamination of feed or foodstuffs. Do not allow children in treated areas until surfaces are dry.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE vomiting unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Malathion causes cholinesterase inhibition. Atropine is antidotal.

IF INHALED: Remove victim to fresh air. Apply respiration if indicated.

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IF ON SKIN: Wash immediately with plenty of soap and water.
IF IN EYES: Flush eyes with plenty of water. Call a physician immediately.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water or wetlands (i.e. swamps, bogs, marshes, and potholes). Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water when disposing of equipment washwaters. Do not apply this product through any type of irrigation system.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply if bees are visiting the treatment area. Do not apply when weather conditions favor drift from treated areas.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill, or store near heat or open flame.

DIRECTIONS FOR USE

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

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The following are general recommendations for the use of RIVERDALE BIN SPRAY. Dissolve in sufficient water for complete coverage unless otherwise specified.

NOTE: When using indoors - Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

RIVERDALE BIN SPRAY is for the protection of stored grains, such as wheat, oats, rice, corn, rye, barley, grain sorghum, and field or garden seeds, against confused flour beetle, rusty grain beetle, lesser grain borer, Indian meal moth, and for control of cereal leaf beetles.

PROTECTION OF STORED GRAINS - For the protection of stored wheat, oats, rice, corn, rye barley, grain sorghum, and field or garden seeds, against confused flour beetle, rice weevil, granary weevil, sawtoothed grain beetle, flat grain beetle, red flour beetle, rusty grain beetle, lesser grain borer, and Indian meal moth, apply 1 pint in 2 to 5 gallons of water per 1,000 bushels. Apply as the grain is being loaded or turned into final storage. Field and Garden Seeds can be protected against the above grain pests with a dosage of $\frac{1}{2}$ pint in 1 to 2 $\frac{1}{2}$ gallons of water per 500 bushels of seed.

Malathion may be used under the requirements of the Khapra Beetle quarantine, where water or diesel oil emulsions are indicated as prescribed by current quarantine instructions. To protect stored grains from attacks by Indian meal moth, apply to the surface of clean or uninfested grain at the rate of $\frac{1}{2}$ pint in 1 to 2 gallons of water per 1000 square feet of grain surface area. Apply the spray evenly over the surface of the grain. Apply immediately after grain is loaded into storage and repeat if necessary.

RESIDUAL SPRAY - For a residual wall, floor, and machinery spray in grain elevators, in treating truck beds, box cars, and ships holds before loading grain, apply 1 gallon per 25 gallons of water, making thorough application. Before applying spray, clean elevators, box cars, etc., thoroughly. Remove and burn all sweepings and debris.

In ships' holds, wear respirator to prevent breathing of fumes or mist into the throat and lungs. Wear protective clothing to protect as much of the skin as possible from exposure. Wash hands and face after using.

RESIDUAL SPRAY - BOXCARS FOR LOADING AND TRANSPORTING BAGGED FLOUR AND PACKAGED CEREALS:

For control of the exposed stages of confused flour beetle, rice weevil, granary weevil, sawtoothed grain beetle, flat grain beetle, red flour beetle, rusty grain beetle, lesser grain

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borer, Indian meal moth and mite pests infesting empty boxcars into which bagged flour and packaged cereals are to be loaded and transported, apply as follows:

1. Clean the boxcar thoroughly, then remove and burn all sweepings and debris.
2. Spray walls and floor to the point of run-off-with either 1 gallon in 25 gallons of water, or 1 gallon of this product in 19 gallons of deodorized kerosene. (The deodorized kerosene solution should be made up of 4 parts Deosol or other kerosene-type solvent plus 1 part Xylene Solvent or other aromatic hydrocarbon-type solvent).
3. Let the sprayed boxcar stand empty with the doors open until the spray has thoroughly dried.
4. Line the walls and floor of the boxcar with draft paper before loading.

RESIDUAL WAREHOUSE SPRAY - BEFORE STORING PEANUTS.

Clean warehouse thoroughly of trash and remains of old peanuts 1-2 weeks before new peanut crop is stored. Then, thoroughly spray the interior of the empty warehouse, especially cracks and protected places. Treat outside walls to a height of 608 feet and ground to a distance of 6 feet from the warehouse. Use 1 pint in sufficient water to make 2½ gallons of spray, or 1 gallon with 19 gallons of water. Apply as a coarse spray at the rate of 2 gallons per 1,000 square feet of surface or to run-off.

SUPPLEMENTAL SURFACE SPRAY: After warehouse has been filled, level surface of peanuts before spraying. Apply surface spray using 1½ pts. in 2 gallons of water and apply at the rate of 2 gallons per 1000 square feet of surface. Apply first treatment as soon as bin is filled and leveled, but not later than the first week in October. Apply the second surface treatment 1 month later, followed by treatments at 2 month intervals. Use a piston type power sprayer equipped with agitator and nozzle capable of delivering a coarse spray. Repeat surface application 60 days later if warm temperatures prevail. Otherwise delay further treatment until late winter.

FIELD AND GARDEN SEEDS: These seeds can be protected against the above grain pests with a dosage of ¼ pint of RIVERDALE BIN SPRAY in 1-2½ gallons of water per 500 bushels of seed. Thoroughly cover the surface of the grain with an even application.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry area. Always store pesticides in a secured warehouse or storage building. Do not store near seeds, fertilizers, insecticides or fungicides. Keep containers closed and away from heat, sparks and open flame. Containers should be opened in well-ventilated areas. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If container is damaged or if pesticide has leaked, contain all spillage. Absorb and clean up all spilled material with granules or sand.

Place in a closed labeled container for proper disposal. Apply liquid household bleach to contaminated area. Scrub thoroughly using long handled brush. Let stand for 15 minutes. Wash area thoroughly with water.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and Local authorities.

NOTICE: Follow directions carefully. Local conditions may affect the use of this chemical. Timing and method of application, weather and crop conditions, mixing with other chemicals, not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of the material not in strict accordance with directions given herewith.

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