

# MUG-A-BUG INSECTICIDE

with ROTENONE/PYRETHRINS  
EMULSIFIABLE CONCENTRATE 1.1% + 0.8%

**FORMULA II**  
EMULSIFIABLE PYRETHRUM-ROTENONE  
PLANT & ANIMAL INSECTICIDE  
Contains 0.08 lb/gal (9.9 g/L) of Rotenone &  
0.06 lb/gal (7.2 g/L) of Pyrethrins

**ACTIVE INGREDIENTS:**

Rotenone ..... 1.1% w/w  
Other Cube Extractives ..... 2.2%  
Pyrethrins ..... 0.8%  
Petroleum Distillate ..... 3.2%  
Aromatic Petroleum Solvent ..... 84.7%

**INERT INGREDIENTS:** ..... 8.0%  
100.0% w/w

**PRECAUCION AL CONSUMIDOR:** Si usted no lee  
ingles, no use este producto hasta que la etiqueta le  
haya sido explicada ampliamente.

**TRANSLATION:** (To the user: If you cannot read  
English, do not use this product until the label has  
been fully explained to you.)

**KEEP OUT OF REACH OF CHILDREN**

## WARNING

SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS AND  
STATEMENT OF PRACTICAL TREATMENT

EPA REG. NO. 11715-162

EPA EST. 11715-TN-1

**NET CONTENTS** \_\_\_\_\_

Manufactured By  
**SPEER PRODUCTS, INC.**  
Memphis, TN 38118

**ACCEPTED**

AUG 18 1988

**PRECAUTIONARY STATEMENTS**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under 11715-162  
EPA Reg. May be fatal if swallowed. Harmful if absorbed  
through skin. Causes skin irritation. May cause  
substantial but temporary eye injury. Wear  
safety glasses. Do not get in eyes, on skin, or  
on clothing. Avoid breathing spray mist. Wash  
thoroughly with soap and water after handling.  
Remove contaminated clothing and wash  
before reuse.

### WARNING

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
May be fatal if swallowed. Harmful if absorbed  
through skin. Causes skin irritation. May cause  
substantial but temporary eye injury. Wear  
safety glasses. Do not get in eyes, on skin, or  
on clothing. Avoid breathing spray mist. Wash  
thoroughly with soap and water after handling.  
Remove contaminated clothing and wash  
before reuse.

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison  
Control Center. Drink promptly a large quan-  
tity of milk, egg whites, gelatin solution, or, if  
these are not available, drink large quantities  
of water. Avoid alcohol. Do not induce vomiting.  
This product contains aromatic petroleum sol-  
vent. Aspiration may be a hazard.

**IF IN EYES OR ON SKIN:** Flush with plenty of  
water. Get medical attention if irritation per-  
sists.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply  
directly to water. Do not contaminate water by  
cleaning of equipment or disposal of wastes.

### PHYSICAL AND CHEMICAL HAZARDS

**DO NOT USE OR STORE NEAR HEAT OR OPEN  
FLAME.** Flash Point minimum 120°F (48.9°C).

### STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool, dry area away from  
heat and open flame and inaccessible to  
children.

**DISPOSAL:** Do not reuse empty container.  
Wrap container and place in trash collection.

### WARRANTY STATEMENT

Our recommendations for the use of this product  
are based upon tests believed to be reliable. The  
use of this product being beyond the control of  
the manufacturer, no guarantee, expressed or im-  
plied, is made as to the effects of such or the  
results to be obtained if not used in accordance  
with directions or established safe practice. The  
buyer must assume all responsibility, including  
injury or damage, resulting from its misuse as  
such, or in combination with other materials.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
For use on ornamental and flowering plants such as poplar, linden, dogwood, willow, birch, boxelder, maple, oak,  
elm, pine, spruce, cedar, yew, spirea, rose, lilac, zinnia, aster, pelunia, geranium, dahlia, gladiolus, phlox, sweet  
pea, marigold, carnation, chrysanthemum, and rose, mix this product with water as described in the following chart.  
Use hand or automatic sprayer as a coarse spray. Use sufficient spray mix to give complete coverage of the plant.  
Do not apply this product within one day of collection. Repeat every 5-10 days or as needed. Keep diluted spray  
away from light.

PESTS	VOLUME OF PRODUCT/ GALLON OF WATER (3.79L)
Aphids, Leafhoppers, Exposed Thrips	1 teaspoon (5 ml)
Oblique-banded Leaf Rollers, Sawfly Larvae, Boxelder Bugs, Japanese Beetles, Elm Leaf Beetle Larvae, Mites, Lygus Bugs, Lace Bugs, Greenhouse Whiteflies, Stink Bugs, Garden Fleahoppers, Greenhouse Leafhoppers	2 teaspoons (10 ml)
Cucumber Beetles, Rose Chafers, Ants, Aster Beetles, Flea Beetles	4 teaspoons (20 ml)

For use on vegetable plants such as peas, bean, beet, cucumber, squash, muskmelon, potato, tomato, cabbage,  
spinach, lettuce, celery, asparagus, pepper, eggplant, onion, carrot and corn: Mix with water as described in the  
following chart. Use hand or automatic sprayer as a coarse spray. Use sufficient spray mix to give complete coverage  
of the plants. Do not apply this product within one day of harvest. Repeat every 5-10 days or as needed. Keep diluted  
spray away from light.

PESTS	VOLUME OF PRODUCT/ GALLON OF WATER (3.79L)
Aphids, Leafhoppers, Exposed Thrips	1 teaspoon (5 ml)
Cabbage Worms, Bean Beetles, Beet Webworms, Sod Webworms, Asparagus Beetles, Japanese Beetles, Lygus Bugs, Whiteflies, Garden Fleahoppers, Har- lequin Bugs, Oblique-banded Leaf Rollers, Stink Bugs, Celery Leafhoppers, Melon Worms, Tortoise Beetles, Garden Webworms, Alfalfa Webworms and Mites	2 teaspoons (10 ml)
Cucumber Beetles, Flea Beetles, Vegetable Weevils, Squash Bugs (nymphs), Squash Vine Borers, European Corn Borers—3 to 4 applications or more as eggs start to hatch and repeated at 5 to 7 day intervals.	4 teaspoons (20 ml)

For use on fruits and berries such as apple, pear, peach, plum, cherry, grape, currant, gooseberry, raspberry, blackberry,  
strawberry and blueberry, consult the following chart. Use sufficient spray mix to give complete coverage of the  
plants. Do not apply this product within one day of harvest. Repeat every 5-10 days or as needed. Keep diluted  
spray away from light.

PESTS	VOLUME OF PRODUCT/ GALLON OF WATER (3.79L)
Aphids, Leafhoppers, Exposed Thrips	1 teaspoon (5 ml)
Imported Currant Worms, Gooseberry Fruit Worms, Raspberry Fruit Worms, Blueberry Maggots, Cherry Fruit Flies, Strawberry Root Worms (adult), Red- necked Borers, Japanese Beetles, and Mites	2 teaspoons (10 ml)
Strawberry Leafrollers and Rose Chafers	4 teaspoons (20 ml)

**TO KILL FLEAS, TICKS AND LICE ON DOGS, CATS, AND PREMISES:** (Keep diluted spray away from light).

**ON DOGS:** DO NOT USE MORE THAN 1 FLUID OUNCE (2 Tbsp.) (30 ml) PER GALLON (3.79 L) ON PUPPIES.  
For fleas and lice, dilute MUG-A-BUG Insecticide at the rate of 1 fluid ounce (2 Tbsp.) (30 ml) per 1 gallon (3.79  
L) of water. [For young animals, use 1/2 fluid ounce (1 Tbsp.) (15 ml) per 1 gallon (3.79 L) of water]. Apply directly  
to animal as a spray, sponge-on or a wash. Dip until animal's skin is wet. Do not rinse.

For ticks, dilute MUG-A-BUG Insecticide at the rate of 2 fluid ounces (4 Tbsp.) (60 ml) per 1 gallon (3.79 L)  
of water. [For young animals, use 1 fluid ounce (2 Tbsp.) (30 ml) per 1 gallon (3.79 L) of water]. Apply directly  
to animal as a spray, sponge-on or a wash. Dip until animal's skin is wet. Do not rinse.

Avoid contact with eyes, nose or mouth of animal. To prevent reinestation, thoroughly spray the animal's living  
quarters with FOLIAPUME® Insecticide.

**ON CATS:** DO NOT USE ON YOUNG KITTENS. ON ADULT ANIMALS, DO NOT USE MORE THAN 1 FLUID OUNCE  
(2 Tbsp.) (30 ml) PER GALLON (3.79 L).

For fleas, ticks and lice, dilute MUG-A-BUG Insecticide at the rate of 1 fluid ounce (2 Tbsp.) (30 ml) per gallon  
(3.79 L) of water. Apply directly to animal as a spray, sponge-on or a wash. Dip until animal's skin is wet. Do not rinse.  
Avoid contact with eyes, nose or mouth of animal. To prevent reinestation, thoroughly spray the animal's living  
quarters with MUG-A-BUG Insecticide.