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ACCEPTED
9-17-70
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC PEST CONTROL
5602-98

NITATION ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION

DILUTION DIRECTIONS

GENERAL PEST CONTROL WORK: For general pest control work use 3% Malathion made by diluting one part MALATHION 50% OS with 22 parts kerosene type solvent which should include one part aromatic type solvent and four parts deodorized kerosene.

DIRECTIONS FOR USE

For the control of roaches, ants, spiders, silverfish, crickets, clover mites, and earwigs in and about homes, dairies, and food processing plants apply diluted solution as a coarse spray. Thoroughly treat door and window casings, baseboards, under sinks, and all cracks and crevices and other areas frequented by insects. Treatment of ground adjacent to buildings, foundations and lower side walls will aid in the control of ants, spiders, mites and crickets. Repeat as necessary.

FOR FLY CONTROL IN AND AROUND FARM BUILDINGS: Use a 2.5% Malathion made by diluting one to twenty-five parts of fuel oil. Apply the spray at the rate of one gallon per 1000 square feet on painted surfaces and two gallons per 1000 square feet on unpainted surfaces where flies alight or congregate; walls, ceilings, stanchions, window sills, fences, etc. Use a large droplet spray that wets all surfaces to the point of run off. Repeat at necessary. **DO NOT USE IN DAIRY BARN.**

THERMAL FOGGING AND MIST SPRAYING OILS: For mosquito control work with thermal fogging and mist spraying equipment use a 3% to 5% Malathion concentrated in No. 2 fuel oil. The addition of 3% of a "knock down agent" such as Lethane will give faster, more positive results. Do not apply this treatment where food crops are grown. The rate of application for Malathion OS is 0.5 to one gallon per acre of the 3% or 5% Malathion solution.

ACREAGE DOSAGES

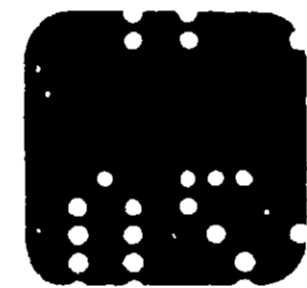
For a 3% Malathion fogging or mist spraying oil add 1 part of Malathion 50% OS with 22 parts fuel oil. To make a 5% Malathion fogging or mist spraying oil add 1 part Malathion 50% OS to 13 parts of No. 2 fuel oil.

When adding a knock down product such as the product K-O Concentrate, it should be done at the rate of 1 part K-O Conc. to one part Malathion 50% OS to 22 parts kerosene type solvent. This will effect knock down for faster, more positive results.

Thiosperse used at the rate of 0.1% to 0.5% based on total formulations increases the solubility of Malathion in fuel oil and prevents sediment formation.

Fogging compounds and mist spraying compounds of up to 5% concentration of Malathion can be made in No. 2 fuel oil without using co-solvents.

USDA Reg. No. 5602-98



Hub States Corporation

ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION
2000 North Illinois St., Indianapolis, Ind. 46202 - Phone 317/925-1431

MALATHION 50% OS

AN OIL SOLUBLE MALATHION CONCENTRATE CONTAINING 4.5 LB. OF MALATHION PER GALLON, FOR GENERAL PEST CONTROL USE AND FOR FORMULATING THERMAL FOGGING AND MIST SPRAYING OILS FOR MOSQUITO CONTROL WORK.

ACTIVE INGREDIENTS	By Wt.
Malathion (O,O-Dimethyl dithiophosphate of diethyl mercaptosuccinate)	50%
Aromatic Petroleum Distillate	50%
Total	100%

CAUTION

KEEP OUT OF THE REACH OF CHILDREN

See side panels for additional cautions.



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5601-98

ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION ADVANCED

NOTICE

When diluting MALATHION 50% OS with mineral seed oil, deodorized aliphatics or kerosene type petroleum oils use one part solvent to four parts kerosene type oils.

CAUTION

Harmful if inhaled, swallowed, or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after using. Avoid contamination of feed and foodstuffs.

Keep out of reach of children and domestic animals. Malathion, upon repeated or prolonged use, may cause cholinesterase inhibition. If poisoning occurs, get prompt medical aid. Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Do not contaminate milk, milking equipment, feed or drinking water. Do not apply on animals. Remove animals and poultry from buildings before treating.

Do not use in edible product areas of food processing plants.

This product is toxic to fish. Keep out of lakes, streams or ponds. Apply this product only as specified on this label.

Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

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LOT NO.

