

**DIRECTIONS FOR USE**

Hopkins Duo-Kill is prepared for use on animals and around buildings, outdoor areas. Applications may be mist or spray.

**LACTATING DAIRY & BEEF CATTLE:** Flies, Face, Horn, House and Stable Mosquitoes. Apply 1 fl. oz. daily per adult beef or dairy animal. Reduce dosage for younger animals. For best results apply in the morning for protection during the day. Do not overdose. Do not apply regularly to calves under 6 months of age. Brahmin cattle should not be treated as they may show hypersensitivity to organic phosphates.

**BACKRUBBERS OR CATTLE OILERS:** For control of Horn Flies use undiluted in backrubber reservoir or if backrubber has no reservoir, saturate cable at the rate of 2 to 3 quarts per 20 ft. of cable. Repeat every two weeks or more often if necessary. Backrubbers should be located where animals usually congregate.

**DOG KENNELS:** Flies, Gnats, Mosquitoes, Fleas, Brown Dog Ticks, apply a coarse spray to outside dog runways, window sills and ledges using 1 quart per 100 sq. ft. Do not contaminate water or feed. Repeat as necessary.

**MAGGOT BREEDING AREAS, GARBAGE DUMPS AND MANURE PILES:** Apply a coarse spray at the rate of 1/2 to 1 quart per 100 sq. ft. of area. Repeat as necessary.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Keep container sealed when not in use. Do not store near food or feed.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

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



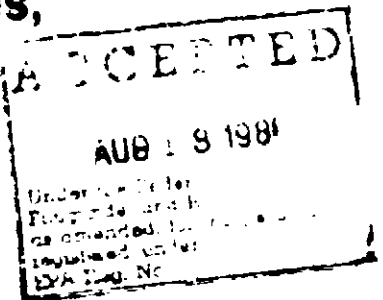
**Hopkins**  
agricultural chemical co.

*Hopkins*

# Duo-Kill

**Ready-to-use Animal and Area Spray**

**Kills Face Flies, Horn Flies, Stable and House Flies**



**ACTIVE-INGREDIENTS:**

Dimethyl phosphate of alpha-methylbenzyl 3-hydroxy-cis-crotonate*	1.000%
2,2-Dichlorovinyl dimethyl phosphate ...	0.232%**
Related compounds .....	0.018%**
Mineral Seal Oil .....	49.250%
Petroleum distillate .....	49.250%

**INERT INGREDIENTS:**

.....	0.250%
<b>Total .....</b>	<b>100.000%</b>

\* Ciodrin<sup>®</sup> Insecticide

\*\* Equivalent to 0.250% Vapona<sup>®</sup> Insecticide

\* Registered trademark of Shell Chemical Co.

"DUO-KILL" is a TM of Hopkins Agricultural Chemical Co.

**CAUTION KEEP OUT OF REACH OF CHILDREN**

See statement of practical treatment and additional precautions on side panel.

**NET CONTENTS**

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Hopkins

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Kills Face Flies, Horn Flies,  
Stable and House Flies

ACCEPTED  
AUG 18 1981  
Under the Federal  
Pesticide, and F  
as amended, for the  
registered under  
EPA Reg. No.



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NET CONTENTS

GALLONS

**STATEMENT OF PRACTICAL TREATMENT**

**If swallowed:** Call a physician 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.

**If inhaled:** Remove victim to fresh air. Apply respiration if indicated.

**If on skin:** Wash contaminated skin with soap and water.

**If in eyes:** Flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

**NOTE TO PHYSICIAN:** If symptoms of cholinesterase inhibition are present, atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
CAUTION**

Avoid inhalation of mist and contact with skin. Harmful if swallowed, inhaled or absorbed through the skin or eyes. Wash thoroughly with soap and water after handling and before eating or smoking. Do not contaminate feed, water or foodstuffs. Do not contaminate food handling or milking equipment.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Apply this product only as specified on this label.

**PHYSICAL HAZARDS**

Keep away from open flame.

**NOTICE OF WARRANTY**

Manufacturer and Seller make no warranty of merchantability, fitness for any purpose or otherwise, express or implied, concerning this product or its use, which extend beyond the statements on this label.

EPA Reg No 2393-380  
EPA Est No 2393-IL-3\*, 2393-WI-1\*  
523-IL-1; 2393-WI-2; 33509-MO-1\*  
Superscript refers to first letter of lot number

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