

2139-99

08/27/1974

ACCEPTED

AUG 27 1974

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
ED UNDER NO. 2139-99 SUBJECT
TO ATTACHED COMMENTS.

2139-99

**Carzol[®] SP****MITICIDE/INSECTICIDE**

E.P.A. REG. NO. 2139-99

ACTIVE INGREDIENT:

Formetanate hydrochloride* 92%

INERT INGREDIENTS: 8%

*N,N-dimethyl-N'-[3-[[[(methylamino)carbonyl]oxy] phenyl]
methanimidamide monohydrochloride

**POISON
DANGER****KEEP OUT OF REACH OF CHILDREN**

Not for use or storage in or around the home.
Call a physician immediately in case of exposure.

This product is poisonous if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe dust or spray mist. Do not contaminate food and feedstuffs. Wear protective clothing, goggles and rubber (natural or synthetic) gloves when handling this material. Wash before eating or smoking. Wash contaminated clothing before re-use.

If exposure to dust or spray mist cannot be avoided wear a self-contained breathing apparatus.

DO NOT REUSE THIS BAG. DESTROY WHEN EMPTY**ANTIDOTES:**

If swallowed—give a tablespoon of salt in a glass of warm water and repeat until vomit fluid is clear. Have patient lie down and keep quiet. Call a physician immediately. If on skin—wash immediately with soap and water. If in eyes—flush with water for at least 15 minutes and get medical attention.

NOTICE TO PHYSICIAN:

CARZOL SP is a carbamate which acts as a cholinesterase inhibitor.

Specific antidote—Atropine.

Do not use 2-PAM.

See Rear and Side Panels For Additional Precautions and Directions For Use.

U.S. Pat. No's. 3336186—3542853

NET CONTENTS: 2½ POUNDS

MANUFACTURED FOR

NOR-AM[®]

AGRICULTURAL PRODUCTS, INC.

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DIRECTIONS FOR USE

CARZOL SP is completely soluble in water. Preparation of a premix or slurry before adding to the spray tank is not necessary. Add the desired amount of CARZOL directly to the spray tank $\frac{1}{2}$ full of water with the agitator running. Then add the remainder of the water.

NOTICE: CARZOL SP is not stable in alkaline water. Do not prepare the spray mixture until just before application. Do not prepare more spray mixture than will be used within 4 hours.

CROP	PEST	APPLICATION
ORANGES, LEMONS AND TANGERINES (California & Arizona only)	THRIPS	Use 8 oz. CARZOL SP per 100 gallons of water. Apply for outside coverage in 100 to 300 gallons of water per acre ($\frac{1}{2}$ to 1½ lbs. CARZOL SP per acre) depending on the size of the trees. Repeat application as needed.
	RED MITE	Use 8 oz. CARZOL SP per 100 gallons of water. Apply in a full coverage spray in 700 to 1000 gallons of water per acre (3½ to 5 lbs. CARZOL SP per acre) depending on the size of the trees.
ORANGES, LEMONS TANGERINES AND GRAPEFRUIT (in Florida)	RUST MITE	Use 1 to 2 oz. CARZOL SP per 100 gallons of water, apply in full coverage spray. Use 7 to 20 oz. CARZOL SP per acre depending on the size of the trees. Repeat application as needed.
ORANGES, LEMONS TANGERINES AND GRAPEFRUIT (in Texas)	RUST MITE	Use 2 to 4 oz. CARZOL SP per 100 gallons of water, apply in full coverage spray. Use 10 to 20 oz. CARZOL SP per acre depending on the size of the trees. Repeat application as needed.
APPLES AND PEARS	EUROPEAN RED MITE, TWO-SPOTTED MITE	Use 4 to 8 oz. CARZOL SP per 100 gallons of water. Apply in full coverage sprays in 400 to 800 gallons of water per acre (1 to 4 lbs. of CARZOL SP per acre) depending on the size of the trees and severity of the mite infestation. Repeat application as needed.
PEACHES AND NECTARINES (West Coast only)	TWO-SPOTTED MITE EUROPEAN RED MITE MCDANIEL MITE	Apply 4 oz. CARZOL SP per 100 gallons of spray (1 to 1¼ lbs. CARZOL SP per acre) when mites appear. Repeat as necessary.
NECTARINES (California only)	THRIPS	Apply 8 oz. CARZOL SP per 100 gallons of spray (2 lbs. CARZOL SP per acre) when thrips infest blossoms through petal fall. Apply at night or while bees are not working in the blooms.
PLUMS, PRUNES (West Coast only)	TWO-SPOTTED MITE EUROPEAN RED MITE	Apply 4 oz. CARZOL SP per 100 gallons of spray (1 to 1½ lbs. CARZOL SP per acre) when mites appear. Repeat as necessary.
ALFALFA (Seed crop only, in Calif., Oregon, Washington, Idaho and Nevada. Use pre-bloom only on alfalfa in all areas except California.)	LYGUS BUGS	Use $\frac{1}{2}$ to 1 lbs. CARZOL SP per acre. Apply when lygus bugs reach damaging numbers. Repeat application as needed. Consult your State Agricultural Experiment Station or State Extension Service Specialists for proper timing.
	CONSPERSE STINK BUGS (California only)	Use 1 lb. CARZOL SP per acre for knockdown of heavy nymphal population. A lygus control program will control stink bugs. When applied by air on alfalfa, use a minimum of 5 gallons per acre. When applied by ground use a minimum of 20 gallons per acre.

NOTE

To avoid excessive residues, observe the following limitations: CITRUS: Do not apply more than 5 lbs. CARZOL SP per acre in a 12 month period. Allow 30 days between applications and 7 days before harvest. APPLES, PEARS: Do not apply more than 4 lbs. CARZOL SP per acre in one crop season. Do not apply less than 7 days before harvest. PEACHES: Do not apply more than 2½ lbs. CARZOL SP per acre in one crop season. Do not apply less than 21 days before harvest. NECTARINES: Do not apply more than 4 lbs. per acre in one crop season. Do not apply less than 14 days before harvest. PLUMS, PRUNES: Do not apply more than 3 lbs. per acre in one crop season. Do not apply less than 7 days before harvest. ALFALFA (seed crop only): Use this product only on pure stands of alfalfa to be harvested for seed. Do not allow spray to drift onto adjacent crops. Do not spray while bees are foraging. Do not allow livestock to graze treated fields. Do not use treated areas for livestock feed. Crop residues are not to be fed to livestock or baled for such use. Fields treated with CARZOL SP must be cleared after harvest by burning or by disking into the soil. CARZOL SP does not control aphids. If aphids appear add an aphicide to the spray.



Another peace-of-mind product from

NOR-AM®

AGRICULTURAL PRODUCTS, INC.

CHICAGO, ILLINOIS 60606