

2022-2658
2022-08-08

GUARDSMAN DORMANT SPRAY OIL

Guardsman® is a registered trademark of Univar Solutions Canada Ltd.

LIQUID EMULSIFIABLE CONCENTRATE AGRICULTURAL

GUARANTEE: Mineral Oil 98.5%
(Saybolt Universal Viscosity @ 37.8 °C: 150)

REGISTRATION NO: 23370
PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

WARNING POISON

Univar Solutions Canada Ltd
64 Arrow Road, North York,
Ontario M9M 2L9

Net Contents: 10 Litres

PRECAUTIONS: KEEP OUT OF THE REACH OF CHILDREN.

Hazardous if swallowed. Do not breathe spray mist. Wear a long-sleeved shirt, long pants, and shoes and socks during mixing, loading, application, clean-up and repair. Do not enter or allow others to enter treated areas during the restricted-entry interval (REI) of 12 hours.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., consult www.cropro.org/.

FIRST AID:

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treat symptomatically.

STORAGE AND DISPOSAL: Do not store at temperatures below -18 °C.

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow Provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with Provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

ENVIRONMENTAL HAZARDS:

TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

BUFFER ZONES:

Use of the following spray methods or equipment DO NOT require a buffer zone: handheld or backpack sprayer and spot treatment.

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) fine classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. DO NOT apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

DO NOT apply by air.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of	Crop	Buffer Zones (metres) Required for the Protection of:
-----------	------	---

application		Freshwater Habitat of Depths:		Estuaries/Marine Habitats of Depths :	
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m
Field sprayer*	Highbush Blueberries,	2	1	1	1
Airblast					
	Pome fruit and stone fruit	20	10	3	1

* For field sprayer application, buffer zones can be reduced with the use of drift reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy, the labelled buffer zone can be reduced by 30%.

For effective Scale Control with air blast sprayers, apply at least 2,000 L/ha increasing this to 4,000 L/ha, applied from 4 sides, for severely encrusted scales. Use dosage of oil listed below with this quantity of water. DO NOT APPLY BY AIR.

CROP (BRITISH COLUMBIA ONLY)

APPLE
APRICOT
CHERRY
PEACH
PEAR
PLUM

TO CONTROL

San Jose Scale
Lecanium Scale
European Red Mite
Pear Psylla Oil

RATE/TIME

Use 40 litres of Guardsman Dormant Spray per 1000 litres of water or use 90 litres per hectare. Make a single application when trees are in the dormant stage.

CROP

HIGHBUSH BLUEBERRY

TO CONTROL

Scale insects (such as lecanium scale)

Scale insects (such as lecanium scale), general clean-up spray

RATE/TIME

Rate of application: 20 L product / 1000 L One application per year. Apply as a dormant spray in late winter. Do not apply just before, or during freezing weather. Thorough coverage is essential. Apply on a mild day, but not in late afternoon or evening, so the trees will dry quickly. Do not spray if frost is expected before the trees dry. Ground application only. Spray volume: 750-1500 L/ha, depending on size of bushes.

Lime Sulphur and Dormant Oil Spray Tank Mix. Rate of application: 5L Lime Sulphur PLUS 1.25 L Dormant Oil Spray in 100 L spray. One application per year. Apply when the plants are dormant (January-March). Ground application only. Spray to the point of run-off.

MIXING DIRECTIONS: Fill the tank about half-full with water and with the agitator running, add the required amount of oil. Pump the mixture through the overflow back into the tank for about two minutes to obtain proper emulsification. Continue to fill the tank with water under constant agitation. If required add and mix a compatible fungicide before adding the oil.

CAUTION: Do not use the spray mixture before the oil has been properly emulsified. Do not apply just before or during freezing weather. Keep the agitator running until the spray tank is empty.

COMPATIBILITY: Guardsman Dormant Spray Oil is compatible with Ferbam, Fixed Copper or Ziram. It is also compatible with Lime Sulphur for European Scale or Peach Leaf Curl control. Do not mix with Captan or Wettable Sulphur.