

# VICOL<sup>†</sup> WINTER OIL

## WINTER DORMANT MISCIBLE OIL

### INSECTICIDE

- Highly refined paraffinic mineral oil (861g/L)
  - High paraffinic content means a low risk product
  - Low aromatic content means soft on the environment
  - Long carbon chain oil means more effective pest control
- Nonionic Emulsifiers
  - Highly effective emulsifiers to ensure good emulsion stability even in hard or cold water
  - Compatible with a range of other pesticide products

### Product Description

VICOL Winter Oil is a paraffinic mineral oil product suitable for controlling a range of scale and mite pests on dormant stone and pome trees and grapevines.

### High Quality Paraffinic Oil

VICOL Winter Oil has been marketed in Australia for over 20 years in which time oil refining for Agricultural oils has improved markedly. Reduction in aromatics, naphthenics, acidity and other impurities makes today's VICOL Winter Oil a cleaner purer product whilst maintaining effective control of a wide range of insect pests.

PHYSICAL PROPERTIES	VICOL WINTER OIL	COMMENTS
Oil Type	Hydrotreated Heavy Paraffinic Mineral Oil	A highly refined oil provides increased safety to the user, crops and the environment.
Viscosity @ 40°C	28—34	High viscosity means larger average molecular weight which correlates with more effective oil for control of insect pests.
Density @ 20°C	0.85—0.87	This is a relatively low density oil. Older style oils previously used for Winter Oil products had higher density due to higher aromatic and naphthenic contents.
Sulphur, ppm	<10	Sulphur increases the potential for crop damage. Low Sulphur content is essential for crop safety. VICOL Winter Oil has a very low Sulphur content.
CARBON TYPE %w/w		
C <sub>Aromatic</sub>	<1	Very low aromatic content for improved safety.
C <sub>Naphthenic</sub>	34	Moderate naphthenic is important for suppressing the freezing point enabling easy use and even in cold conditions.
C <sub>Paraffinic</sub>	65	Higher paraffinic content which is the most effective component of the oil.

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#### Suggestions for Use

The recommended usage rate for all applications of VICOL Winter Oil is either 2 or 3 Litres per 100 Litres (2-3%v/v) of the spray solution. **Caution: VICOL Winter Oil should only be used on dormant crops or crop injury may occur.**

CROP	PEST	STATE	RATE L/100L of water	CRITICAL COMMENTS
Pome Fruit Stone Fruit	Bryobia	Vic, SA, Tas.	2L/100L	Application in winter when trees are dormant. Still sunny days represent the best conditions for spraying. Do not spray after bud swell.
	Mite			
	European Red Mite	NSW, Qld	3L/100L	
	Bryobia Mite	WA	2L/100L	
	San Jose Scale	Vic, SA, WA	2L/100L	
		NSW, Qld.	3L/100L	
	Oystershell Scale	Tasmania	2L/100L	
	Prune Scale			
Grapes	Grapeleaf Blister Mite	Tasmania	2L/100L	Apply as a post pruning application. Spray in mid winter to ensure that vines are fully dormant.
	European Red Mite			
	European Red Mite	NSW, Vic, SA	3L/100L	
	Grapevine Scale	NSW, Vic, Qld, SA, WA	3L/100L	
		Tasmania	2L/100L	

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#### The Company

Victorian Chemical Company is committed to providing quality products and professional and friendly service, that our customers can confidently rely on to add value to their businesses. In order to achieve this goal we will continue to develop, our understanding of our customer's requirements, the operations of our company and our technical expertise.

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