



TECHNICAL DATA BULLETIN

PRODUCT TECHNICAL INFORMATION AND APPLICATIONS

BONOIL[®] 965 EC

“MINERAL OIL 96.5 % w/w“

1 INTRODUCTION:

BonOil 965 EC is an emulsifiable concentrate insecticide containing 96.5 %w/w of mineral oil (mixture of aliphatic hydrocarbons) used as a contact insecticide, acaricide and herbicide.

2 ACTIVE INGREDIENT:

Common name	Mineral Oil
CAS Registry No.	64742-55-8

3 PHYSICOCHEMICAL PROPERTIES:

Assay:	Mineral Oil 96.5 %w/w
Appearance	Clear yellow liquid free of visible impurities
Density	0.862 – 0.874 Kg/L
Flash Point	>40°C
Water contents	<2 g/Kg
Acidity as H ₂ SO ₄	< 5.0 g/Kg

4 MODE OF ACTION:

BonOil 965EC is a contact insecticide it kills the insects by suffocation, which is a mechanical form of death. Hence there is little possibility for resistance development. Acaricide and insecticide with ovicidal activity; contact herbicide; adjuvant for herbicides.



5 USES:

BonOil 965EC is used as an insecticide and acaricide with ovicidal activity, for the control of mites, scales, mealy bugs, aphids, leafminers, whitefly as well as the eggs of many insect species. It is used in a wide range of crops including protected tomatoes, cucumbers, greevines, protected pot plants, stone fruits, citrus trees, date palm and ornamentals.

BonOil 965 EC also used as surfactant and as on adjuvant to enhance the effectiveness of other pesticides.

6 APPLICATION:

Recommendations for use

Crop	Pest	Dosage ml/100L	Timing	PHI
Citrus	Mealybugs and Scale insects: California red scale, Purple and white scale insects.	1-1.3 L	March- April	3 days
	Citrus rust mite and scale insects	1.3-1.9 L		
	Black scale insect , spider mite and whitefly	0.5-0.7 L	June – July	
	California red scale	0.65-0.9 L		
Apples	Mealybugs, soft and scale insects	2 Liters	During dormancy	3 days
	Fruit trees leaf roll insect	3 Liters		
	Red spider mite	2 Liters	Budding stage	
Pears	Scale insects and spider mites	2 Liters	Early dormancy stage	
Stone fruits	Scale insects, red spider mite and soft scales	2 Liters	During dormancy	

7 PHYTOTOXICITY:

BonOil 965EC is not phytotoxic to target crops when applied according to recommendation.



8 COMPATIBILITY:

BonOil 965EC may be tank mixed with other pesticides to improve their effectiveness and enhance coverage. However, it should not be mixed with sulfur and sulfur containing pesticides. Such pesticides should not be used within 14 days of treatment.

Mixture with certain pesticides may damage crop plants. If mixing is required, spray few plant to test for tolerance before treating large areas..

9 SPECIAL PRECAUTIONS:

The product is harmful if swallowed. Avoid breathing of spray mist or vapours. Wash hands after usage.

This product may cause phytotoxicity if applied to target plant during periods of prolonged high temperature and high relative humidity. It should not be sprayed on plants suffering from moisture stress.

The product is toxic to fish. It should not be applied directly to water.

10 HANDLING, STORAGE AND TRANSPORTATION:

BonOil 965EC should be transported its original labeled, tightly closed container and stored in a dry well ventilated store at room temperature and away from direct sunlight. It should also be kept away from children, animals, food, feed and drinks and unauthorized personnel. Personnel involved in handling this material should wear protective gloves, clean protective clothing and a facemask.