



**PRODUCT INFO
& DATASHEET**

MATRINE 0.36% SEAPOWER

Innovative Biotechnological Insecticide & Fertiliser
100% organic & pure herbal

1/ PRODUCT DESCRIPTION

SICO MATRINE 0.36% are capsules soluble in water for spraying as insecticide, containing also seaweed extract, so it can be sold as **insecticidal fertiliser**. Registration documents can be supplied.

CALCULATED ANALYSIS

<u>Item</u>	<u>Content</u>		
Experimental formula	C ₈ H ₈ O ₂ N	MnO	10.2 mg/kg
Appearance	brown	B ₂ O ₃	7.99 mg/kg
Matrine (oxymatrine)	0.36% (+ 0.02/0.00)	Fe	73.4 mg/kg
Total nitrogen	2369.9 µ g/g	Zn	52.6 mg/kg
P ₂ O ₅	1389.3 µ g/g	Cu	0.31 mg/kg
SiO ₂	304 mg/kg	Mo	2.34 mg/kg
K ₂ O	18491 mg/kg	pH	5.0 – 6.5
NaCl	1.40 %	Water	56.5 %
CaO	4612 mg/kg	LD ₅₀ by mouth	10000 mg/kg
MgO	858 mg/kg	Insoluble matter	0.5% (max.)

2/ NEW TECHNOLOGY

We use micro capsulation technology in this product. The microcapsule wraps up its effective ingredients and slowly releases them through semipermeable holes of the microcapsules' coat. The ingredients are therefore not easy to be volatilised, photochemically degraded or oxidised. Hence its pest control effect is better and the effective period is longer, lasting 20-30 days.

*** Non-toxicity**

LD₅₀>6, 600MG/KG, it is no pollution to the environment and crops, no harmful residua and no impairment of the quality and original flavor of plants when using for a long time. It is quite safe to humans and domestic animals.

*** High efficiency**

Generally, the pests start to die 24 hours after spraying. The rate of pest control can go up to 95%.

3/ RECOMMENDATIONS FOR USE

*** Usage**

Aphids (cabbage aphid, corn aphid, bean aphid, peach aphid and radish aphid, etc.), red spider, pear-wood louse, rice-fly louse.

*** Recommended dosage**

600-750 ml per hectare is recommended to use. Or 800-1200 times of water is sprayed uniformly.

*** Action & precautions**

1. Make up the solution whenever in need. Shake well for a few seconds before making up and then mix with water.
2. Directly spraying to the mulberry leaves and to shrimps in pools is prohibited strictly.
3. If skin is stained with it carelessly, only flush the skin with clean water.

4/ STORAGE

Keep in a cool, well-ventilated place. Temperature, should be over sub-zero 2 degrees centigrade.

Shelf life: 2 years

5/ PACKING

200 ltr drums, 4 drums = 800 ltr per pallet, 20 pallets = 16000 ltr/20' container

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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