

# ALPHID-KILL™

## 88% Neem Oil



群耕農業生技有限公司

GROUP GAIN BIO-AGRI CO., LTD.

www.groupgain.com.tw

### Technical Data Sheet

#### DESCRIPTION

ALPHID-KILL™ is 100% pure natural cold pressed vegetable oil, which is manufactured using high-tech emulsification technology with complete emulsification. The product can be well dispersed and is extremely soluble in water.

#### BENEFITS

- ALPHID-KILL™ can control aphids, thrips, mealybugs, whiteflies, and Lepidoptera larvae due to the active material – Azadirachtin., which can directly kill small insects (such as whiteflies, thrips, leafhoppers, aphids, mites).
- ALPHID-KILL™ and contact of pathogens and water can be isolated by the lipid of neem oil. It will suppress the occurrence of powdery mildew, downy mildew, and rust fungi.

#### ACTIVE INGREDIENT

Neem Oil.....88.0 %  
Other ingredients.....12.0 %

#### WARNING

- For sensitive crops or plants during the seedling stage, small scale testing should be conducted first to ensure that there is no phytotoxicity before proceeding on a larger scale. Please do not use this product during plant flowering or fruiting periods.
- This product should not be mixed with alkaline materials such as lime sulfur, Bordeaux mixture, soaps, etc.
- Please store this product in a cool, dry place, out of reach of children or pets to avoid accidental ingestion.

#### APPLICATION

CROPS	USE	DILUTION RATE	DOSAGE (L/HA)
VEGETABLES	ALPHID, THRIPS, LEAFHOPPER, PSYLLID, MITES, WHITEFLIES	500-800	1.2-2.0
FRUIT TREES	ALPHID, THRIPS, LEAFHOPPER, PSYLLID, MITES, WHITEFLIES	500-800	2.4-4.0
OTHER CROPS	ALPHID, THRIPS, LEAFHOPPER, PSYLLID, MITES, WHITEFLIES	500-800	1.2-2.0

Manufactured by: GROUP GAIN BIO-AGRI CO., LTD.

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### ACTIVE INGREDIANT

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Other ingredients.....12.0 %

### TYPICAL PROPERTIES

Appearance (25 °C)..... Liquid  
Color.....Brown  
Odor.....Amber with a garlic odor  
pH value.....4-5  
Density(g/cm<sup>3</sup>).....1.03

### STORAGE & HANDLING

1. Storage and transportation:  
Keep in a cool and dry place. Avoid direct sunlight and high temperature.
2. Spills and Disposal:  
Use protective solvent resistant gloves to avoid skin contact. Small spills can be wiped up with vermiculite or other suitable absorbent material and removed to an approved disposal container. Large spills should be absorbed by dirt, sand, or other suitable absorbents for disposal. Do not hose spills down drains. Move leaking containers to well ventilated area. No Smoking. Eliminate any source of ignition. Avoid inhalation.
3. Extinguishing measure:  
Use water or dry chemical powder or CO<sub>2</sub>.
4. Standard Packaging:  
ALPHID-KILL™ is available in bulk and in 20L drums.

### SHELF LIFE

4 years from production date.

### HEALTH HAZARD

1. Swallowed:  
When a person swallows a large quantity of product, give the victim a lot of water and try to get the victim to vomit.
2. Eyes contact:  
Gently rinse the effected eyes with clean water.
3. Skin contact:  
Rinse with clean water.
4. Inhaled:  
When a person in hales a large amount of gas introduced be remove the victim from the contamination to fresh air. Keep the victim warm and quiet.
5. First aid facilities:  
None

