


# NIMROD®

Reg. no. L1117 Act/Wet 36 of/van 1947  
N-AR 2153

**READ THE LABEL BEFORE USE  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

<b>GROUP</b>	<b>8</b>	<b>FUNGICIDE</b>
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An emulsifiable concentrate systemic fungicide for the control of powdery mildew in apples, grapes, stone fruit, cucurbits and mangoes.	'n Emulgeerbare konsentraat sistemiese swamdoder vir die beheer van poeieragtige skimmel in appels, druive, steenvrugte, pampoengewasse en mango's.
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  <b>DANGER</b>	<p><b>Hazard statements</b>            Flammable liquid and vapour.            May be fatal if swallowed and enters airways.            Causes serious eye irritation.            May cause respiratory irritation.            May cause drowsiness or dizziness.            Suspected of causing cancer.            Very toxic to aquatic life with long lasting effects.</p> <p><b>Precautionary statements</b>            Wear protective gloves/protective clothing/eye protection/face protection.            Use only outdoors or in a well-ventilated area.</p>
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### ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL

bupirimate (pyrimidine) ..... 250 g/L ..... bupirimaat (pirimidien)

### NET VOLUME/NETTO VOLUME

..... L

### REGISTRATION HOLDER/REGISTRASIEHOUER

ADAMA South Africa (Pty) Ltd; Reg. no. 1992/001741/07  
 Ground Floor, Simeka House  
 The Vineyard Office Estate, 99 Jip de Jager Drive  
 Belville, 7530  
 T: +27 21 982 1460, infocpt@adama.com

UN no.: 1993

### In case of poisoning, call the following numbers:

Griffon Poison Information Centre: +27 82 446 8946 or  
 Tygerberg Poison Information Centre: +27 861 555 777

### Emergency number:

SPILL TECH: +27 86 100 6366 or +27 83 253 6618

Batch number .....  
 Date of Manufacture .....  
 Expiry date .....

Lotnommer .....  
 Datum van Vervaardiging .....  
 Vervaldatum .....

## WARNINGS

- Flammable liquid and vapour.
- May be fatal if swallowed and enters airways.
- Causes serious eye irritation.
- May cause respiratory irritation.
- May cause drowsiness or dizziness.
- Suspected of causing cancer.
- Very toxic to aquatic life with long lasting effects.

**Withholding periods** (minimum number of days between last application and harvest.):

<b>Apples</b> .....	14 days
<b>Cucurbits</b> .....	3 days
<b>Stonefruit</b> (Apricots, cherries, peaches, nectarines, plums, prunes) .....	14 days
<b>Table and wine grapes</b> .....	28 days

- Keep away from open flames.
- Store in a cool place away from food and feed.
- In case of poisoning call a doctor and make this label available to him.
- Re-entry: Do not enter treated area within 1 day after treatment unless wearing protective clothing.

**Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the disease against the remedy concerned, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment, or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.**

## PRECAUTIONS

- Keep out of reach of children.
- Obtain, read and follow all safety instructions before reuse.



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- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Ground or bond container and receiving equipment and take action to prevent static discharge.
- Use explosion-proof electrical/ventilation/ lighting/other equipment and non-sparking tools.
- Take action to prevent static discharge.
- Avoid breathing dust/fumes/gas/mist/vapours/spray.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- If exposed or concerned get medical advice.
- IF SWALLOWED: Get emergency medical help immediately. Do NOT induce vomiting.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical help.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Take off contaminated clothing and wash it before reuse.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical help if you feel unwell.
- In case of fire: Use dry sodium carbonate to extinguish.
- Store locked up in a well-ventilated place. Keep container tightly closed and keep it cool.
- Collect spillage.
- Dispose of contents/ container to an approved waste disposal plant.

- Do not eat, drink or smoke whilst handling this product.
- Prevent contamination of food, feed, drinking water and eating utensils.
- While spraying, avoid contact with the spray as much as you can. Avoid spray drift onto other crops, grazing, rivers or dams.
- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams. Destroy empty container and do not use for any other purpose.
- Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler ([www.croplife.co.za](http://www.croplife.co.za)).
- Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.

## RELEVANT SUBSTANCES

Chemical name	w/w %	CAS no.
n-Butan-1-ol	30–60%	71-36-3
Bupirimate	10–30%	41483-43-6
Hydrocarbons, C10, aromatics, <1% naphthalene	10–30%	EC no: 918-811-1
Hydrocarbons C11-C14, n-alkanes, isoalkanes, cyclics <2% aromatic	5–30%	EC no: 926-141-6
Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt	<10%	1335202-81-7

## FIRST AID

In case of accident or unwellness, seek medical advice immediately. Provide this label and SDS to medical personnel for treatment. Emergency personnel should wear protective clothing appropriate to the type and degree of contamination.

Immediately remove contaminated clothing and remove the affected person from the contamination area. Keep the person warm, calm and covered up. First Aid personnel should pay attention to their own safety.

Take the container label or product name with you when seeking medical attention.

**Eye contact:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Consult a physician if necessary.

**Inhalation:** Immediately remove the affected victim from exposure to an area with fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician.

**Ingestion:** If conscious, rinse mouth thoroughly with water. Never give anything by mouth to an unconscious or convulsing person. Do NOT induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomit, rinse mouth. Call a physician or poison control center immediately.

## TOXICOLOGICAL INFORMATION

### Antidotes

No specific antidote. Treat symptomatically.

## Symptoms of human poisoning

None known.

## RESISTANCE WARNING

For resistance management, **NIMROD**<sup>®</sup> is a group code 8 fungicide. Any fungus population may contain individuals naturally resistant to **NIMROD**<sup>®</sup> and other group code 8 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **NIMROD**<sup>®</sup> or any other group code 8 fungicide. To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank-mix with products from different fungicide group codes.
- Integrate the control methods (chemical, cultural, biological) into fungicide control programmes.

For specific information on resistance management contact the registration holder of this product.

## MODE OF ACTION

8: Nucleic acids metabolism – Adenosindeaminase

## DIRECTIONS FOR USE

**Use only as indicated.**

NOTICE TO THE USER: This agricultural remedy is to be used only in according to the directions of this label. It is an offense under the Act to use this product inconsistent with the directions on the label.

## APPLICATION

CROP AND TARGET	DOSAGE	REMARKS
<b>Apples</b> Powdery mildew <i>(Podosphaera leucotricha)</i>	60 ml/100 L water	Apply <b>NIMROD</b> <sup>®</sup> as a full cover spray as soon as weather conditions are favourable for the development of powdery mildew.  Repeat application at 10- to 14-day intervals.
<b>Cucurbits</b> Powdery mildew <i>(Podosphaera spp. syn. Sphaerotheca spp.)</i>	60 ml/100 L water	Apply <b>NIMROD</b> <sup>®</sup> when weather conditions are favourable for the development of powdery mildew. Apply in a water volume that would ensure good coverage of the crop. Repeat application at 10- to 14-day intervals.



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CROP AND TARGET	DOSAGE	REMARKS
<p><b>Mangoes</b> Powdery mildew (<i>Oidium mangiferae</i>)</p>	<p>40 ml/100 L water</p>	<p>Apply at 14-day intervals from first signs of infection up to 100% petal fall. The first application is usually made when 50% of the flowers on the panicle are open. A further 2 to 3 applications are required depending on the weather conditions and uniformity of the flowering period. A high-volume application must be made to ensure a good coverage of the flower panicle.</p>
<p><b>Stonefruit</b> (<b>Apricots, cherries, peaches, nectarines, plums, prunes</b>) Powdery mildew (<i>Sphaerotheca pannosa</i> syn. <i>Oidium leucoconium</i>)</p>	<p>60 ml/100 L water</p>	<p>Apply <b>NIMROD</b><sup>®</sup> as a full cover spray as soon as weather conditions are favourable for the development of powdery mildew. Repeat applications at 10- to 14-day intervals, but do not exceed four <b>NIMROD</b><sup>®</sup> applications per season.</p> <p>Apply as part of an integrated disease management strategy, alternating with fungicides with different modes of action to avoid the development of resistance.</p>
<p><b>Table and Wine grapes</b> Powdery mildew (<i>Uncinula necator</i> syn. <i>Erysiphe necator</i>)</p>	<p>80–120 ml/100 L water</p>	<p>Apply <b>NIMROD</b><sup>®</sup> as a full cover spray as soon as weather conditions are favourable for the development of powdery mildew.</p> <p>Use the higher rate of <b>NIMROD</b><sup>®</sup> when conditions favour disease development. Repeat applications at 10- to 14-day intervals, but do not exceed three <b>NIMROD</b><sup>®</sup> applications per season.</p> <p>Apply as part of an integrated disease management strategy, alternating with fungicides with different modes of action to avoid the development of resistance.</p>