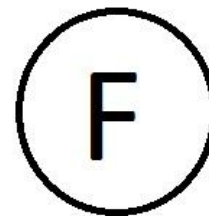


KARMA®

MAPP 16363

A water soluble powder (SP) containing 850 g/kg of potassium hydrogen carbonate for the useful control of apple scab.



5 kg e

Batch No:

THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK.

SAFETY PRECAUTIONS**Environmental protection**

DO NOT CONTAMINATE SURFACE WATER OR DITCHES with chemical or used container.

Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

Storage and Disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe and dry place.

EMPTY CONTAINER COMPLETELY and dispose of safely

IMPORTANT INFORMATION**FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE**

Crops: Apple, Tree nursery of Apple

Maximum individual dose: 5 kg product per hectare

Maximum number of treatments: Eight per crop

Latest time of application: One day before harvest

OTHER SPECIFIC RESTRICTIONS:

None

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

KARMA®

A water soluble powder containing 850 g/kg potassium hydrogen carbonate

Do not breathe dust.

Do not get in eyes, on skin, or on clothing.

Wear protective gloves and clothing.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use

MAPP 16363

This label is compliant with CPA voluntary initiative guidance



Marketed by:

CERTIS

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E-mail: certis@certiseurope.co.uk

For technical and non-emergency calls – phone 0044 (0)1223 894261

For advice on medical emergencies, fires, spillages or chemical hazards

ONLY – phone 0870 190 6777

Approval Holder: Certis, Suite 5, 1 Riverside, Granta Park, Great Abington, Cambridgeshire, CB21 6AD

KARMA® Trademark registered by Certis Europe B.V.

CONDITIONS OF SUPPLY: The Seller warrants that the goods shall at the time of delivery to the Buyer conform to the Seller's standard specification but all other conditions and warranties, whether express or implied by statute or custom of the trade or otherwise and whether as to condition, quality, performance, merchantability, fitness for any purpose or otherwise, are expressly excluded and, subject as aforesaid, the Seller shall be under no liability whatsoever, in contract or in tort, for or in respect of any loss or damage whatsoever resulting from or arising out of the goods or supply or use thereof, whether caused by the negligence of the Seller or otherwise. The Seller shall be under no liability in respect of the warranty given above unless the Buyer allows the Seller reasonable opportunity of inspecting the goods where practicable. A consumers statutory rights are not affected.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product. Karma is a water soluble powder (SP) containing 850 g/kg of potassium hydrogen carbonate for the useful control of apple scab.

CROPS

Crop	Disease	Dose-rate	Maximum application number	Recommendations
Apple	Apple Scab	5 kg/ha	8	Apply preventively, then repeat applications every 7 to 10 days as required. Karma may be applied to crops anytime from first contamination, until one day before harvesting (BBCH 07-91)
Tree nursery of apple	Apple Scab	5 kg/ha	8	Apply preventively, then repeat applications every 7 to 10 days as required. Karma may be applied to crops anytime from first contamination, until one day before harvesting (BBCH 07-91)

Application

Application should be made in at least 400 litres of water per hectare, ensuring adequate coverage of the crop. Apply the recommended dose of Karma to full height trees typical of UK orchards at full canopy density. Where tree height and or canopy density is reduced, the dose (and water volume) should be adjusted in accordance with an appropriate dose adjustment scheme, for example PACE. Consult your specialist advisor for further information. Further information on the PACE scheme is available from HDC, or see the HDC leaflet available also at CRD's website (<http://www.pesticides.gov.uk/HDC.pdf>). Depending on conditions at the time of application, at high concentrations, some varietal sensitivity may be observed to applications with Karma in the form of leaf speckling or browning. It is recommended to apply Karma in at least 400 L of water per hectare and to check varietal selectivity on a small number of plants at least 10-14 days before using for the first time on a large scale. Crop safety on 'Cox' and 'Bramley' has not been established. **Do not apply during the flowering period, on fruits smaller than 10mm or during the last five weeks before harvesting.**

Karma can be used on all soil types. Apply the spray mixture to crops during calm weather conditions, not during periods of strong winds. Disease control may be reduced when conditions are very dry or after rain > 20 mm.

Before use ensure that all application equipment is clean. Karma is highly hygroscopic and may need to be broken up before loading if it has solidified during storage. Add half the required volume of water and start agitation, add the required quantity of Karma. Fill the tank to the required volume whilst maintaining agitation. It is not necessary to add surfactant or wetting agent. Spray immediately after loading/mixing. Continuous agitation must be maintained until spraying is complete.

All application equipment must be cleaned with water prior to storage or use on another crop.

Compatibilities

It is recommended not to add the following products or types of products in the spray mixture:

- Adjuvants and/or solvents (risk of phytotoxicity)
- Emulsifiable concentrate (EC) formulations
- Copper (risk of phytotoxicity)
- Acid products (reduced efficacy) or mildly alkaline solutions. The pH of the spray mixture should not be modified
- Soluble fertilizers

Tank mixtures must conform to the regulations in force and to the recommendations of official good practice guides.

Safety to beneficial organisms used in IPM programmes has not been established and cannot be assumed.

After applications:

Clean out the spray equipment immediately after use. Wash your hands.

Resistance management

The properties of the active substance suggest that it has a multi-site mode of action and therefore that the risk of resistance is low. It is recommended that Karma should be used in spray programmes with other suitable scab fungicides with alternative modes of action.

Crops for processing: Consult processor before using on any crops for processing.

Extension of Authorisation

This extension of the authorised use provides for the use of Karma (M16363) in respect of crops and situations, other than those included on the product label [above]. Neither the efficacy or the phytotoxicity of the product for which this Extension of authorisation has been granted have been assessed and, as such, the user bears the risk in respect of failures concerning its efficacy and phytotoxicity."

This Extension of Authorisation relates to the use of Karma (M16363) as a fungicide for the control of powdery mildew on strawberry. Applications must be made by conventional hydraulic sprayers or hand held sprayers in a minimum water volume of 600 litres of water per hectare

Maximum individual dose: (kg product / ha)	Maximum total dose:	Maximum number of treatments: (per crop)	Latest time of application:
3	-	8	One day before harvest

Other specific restrictions:

- This product must only be applied in accordance with the terms of this extension of authorisation, the product label and/or leaflet and any additional guidance on extensions of authorisation.
- A minimum interval of 7 days must be observed between applications.

Users must ensure that all conditions specified in the Extension of Authorisation for Minor Use are complied with and must be in possession of the Notice of Extension of Use 0901 of 2015, before use is undertaken.

Material Safety Data Sheet

**Section 6 of the Health and Safety at Work Act
Additional Product Safety Information**

(This section does not form part of the product label under the Plant Protection Products Regulations (as amended)). The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that particular use has “off-label” approval or is otherwise permitted under the Plant Protection Products Regulations. The information on this label is based on the best available information including data from test results.

To access the Safety Data Sheet for this product, scan the QR code or use the web-link below:

URL: http://www.certiseurope.co.uk/fileadmin/downloads_uk/products/fungicides/KARMA_MSDS.pdf



Alternatively, contact your supplier.