

ODEON 720 SC

L7596 – Act 36 of 1947 / N-AR 0913
FRAC FUNGICIDE GROUP CODE M5

Active Ingredient: Chlorothalonil 720 g/l
Registration Holder: ADAMA SOUTH AFRICA (PTY) LTD (1992/001741/07)



MAKHRO
HOME AND GARDEN

Office No: 021 981 4011
21 Viben Street, Brackenfell
Technical Advise: 082 562 5330
Medical Emergency: 0861 555 777

WARNINGS:

- Causes serious eye irritation.
- Toxic if inhaled.
- May cause respiratory irritation.
- Suspected of causing cancer.
- Very toxic to aquatic life with long lasting effects.
- Could be harmful if the concentrate is swallowed.
- Store in a cool, dry place away from food and feed.
- Re-entry interval: Do not enter treated field until spray deposit has dried unless wearing protective clothing.
- Aerial application: (Potatoes, beans and groundnuts only). Inform all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Do not spray over or allow spray drift to contaminate water or adjacent areas.

Withholding periods:

(Minimum number of days between the last application and harvest)

Beans (seed).....	3 days
Beans (hay).....	42 days
Groundnuts (hay).....	42 days
Cucurbits.....	3 days
Tomatoes.....	3 days
Potatoes.....	3 days

PRECAUTIONS:

- Keep out of reach of children.
- Obtain, read and follow all safety instructions before reuse.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe dust/fume/gas/mist/vapors or spray.
- Wear protective gloves, protective clothing, and eye and face protection.
- Wear respiratory protection.
- Wash face, hands and any exposed skin thoroughly after handling.
- Avoid release to the environment.
- Use only outdoors or in a well-ventilated area.
- Get medical advice/attention if you feel unwell.
- IF ON SKIN: Wash with plenty of water and soap.
- If skin irritation or rash occurs: Get medical advice/attention
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Specific treatment (see supplemental first aid instructions on this label).
- Contaminated work clothing should not be allowed out of the workplace.
- Wash contaminated clothing before reuse and wash it before reuse.
- Store locked up in a well-ventilated place. Keep container tightly closed.
- Collect spillage.
- Dispose of contents/ container to an approved waste disposal plant.
- Do not eat, drink or smoke while mixing or spraying or before hands and face are washed.
- Avoid drift of spray onto other crops, grazing, rivers, dams or any other area not under treatment.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Clean applicator after use and dispose of wash water where it will not contaminate other crops, grazing, rivers or dams.
- Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water of at least 10 % of that of the container. Add the rinsings to the contents of the spray tank before destroying the empty container in the prescribed manner.
- Do not re-use the empty container for any other purpose.

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 soil, 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, and 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.

RELEVANT SUBSTANCES

CHEMICAL NAME	W/W %	CAS No.
Chlorothalonil	30 - 60%	1887 - 45 - 6
Oxirane, methyl-, polymer with oxirane, monobutyl ether	< 10%	9038 - 95 - 3

FIRST AID

In case of accident or unwellness, seek medical advice immediately. Provide this 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. Get medical attention immediately if symptoms occur.

Skin contact: Remove all contaminated clothing and shoes. Rinse the skin immediately with plenty of water for 15 to 20 minutes under the safety shower. 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: Call a poison control center or medical practitioner immediately for treatment advice. If conscious, rinse mouth thoroughly with water. Drink plenty of water. Never give anything by mouth to an unconscious or convulsing person. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomit, rinse mouth and administer more water. If symptoms persist, call a physician.

DIRECTIONS FOR USE: Use only as indicated.

MIXING INSTRUCTIONS:

Half fill the spray tank with clean water. Mix the required volume of ODEON 720 SC separately in a small volume of water before adding to the spray tank while agitating. When ODEON 720 SC is used in a tank mixture with other products, add the products in the following sequence: adjuvant/acidifier, wettable powder, suspension concentrate, emulsifiable concentrate. Fill the spray tank to the required volume with water while agitating the spray mixture. It is important to maintain agitation during mixing and application. Prepared spray mixtures must not be left for any length of time, e.g. overnight.

APPLICATION:

ODEON 720 SC must be applied as a preventive application. Good coverage on both upper and lower surfaces of leaves should be ensured. Repeat application if 12 mm or more rain or irrigation is received within 72 hours after application. If weather conditions favourable for the development of disease prevail for long periods, it should be considered to alternate ODEON 720 SC with registered systemic fungicides.

APPLICATION RATES:

CROP / DISEASE	DOSAGE	REMARKS
BEANS Rust (Uromyces appendiculatus)	20 ml / 10 l water	Commence application as a preventive spray when weather conditions favour the development of the disease (periods of high humidity of 8-10 hours). Use the higher dosage rate on bigger plants or when climatic conditions favouring the development of the disease prevail. Repeat application every 7-14 days. Apply as a full cover spray.
CUCURBITS Anthracnose (Colletotrichum orbiculare) Downy mildew (Pseudoperonospora cubensis)	20 ml - 40 ml / 10 l water	Apply as a full cover preventive spray or when weather conditions favour the development of the disease. Use the higher dosage rate when weather conditions favour the development of the disease. Repeat application at 7-10 day intervals. Ensure good coverage of all plant parts.
ORNAMENTALS FLOWERS and LAWNS	20 ml / 10 l water	Apply as a full cover preventive spray every 7-14 days. Do not apply during flowering.
GLADIOLI Leaf spot	Preventive: 35 ml / 10 l water	Apply at least 10 l spray mixture / 100 m ² in a spray programme at 7-10 day intervals.
LAWNS and TURF Dollar spot	Corrective: 50 ml / 10 l water	Apply twice within 7 days and thereafter use the preventive programme as above.
ROSES Black spot	20 ml / 10 l water	Apply as a preventive full cover spray programme at intervals of 7-14 days.
TOMATOES Early blight (Alternaria solani) Late blight (Phytophthora infestans) Botrytis rot (Botrytis cinerea)	40 ml / 10 l water	Apply as a preventive application from flowering before any symptoms appear or when weather conditions favour the development of the disease. Apply as a full cover spray. When Botrytis rot threatens apply the higher rate at 7 day intervals for both high and low volume applications. Ensure good coverage of both upper and lower leaf surfaces.
Groundnuts Leafspot Botrytis rot (Botrytis cinerea)		Apply as a full cover preventive application in not less than 500 L water/ha. Repeat every 10–14 days at the lower rate for low infections. Commence application 6–10 weeks after planting or earlier if weather conditions favour the development of the disease. Use the higher rate for more severe infections and increase the water volume from 500 L to 1500 L/ha depending on plant size. Repeat application every 7–10 days for high infections.
Potatoes Early blight (Alternaria solani) Late blight (Phytophthora infestans)		Low infection: Apply at a rate of 0.7 L/ha at 7-day intervals or at 1.0 L/ha at 10-day intervals under dry land cultivation. Apply in 500 L water/ha. High infection: Apply at a rate of 2.0 L/ha and repeat application at 5–7-day intervals in not less than 500 L and up to 1500 L water/ha depending on the density of the foliage and the size of the plants. Use this rate also for potatoes under irrigation. If necessary alternate ODEON® 720 SC with registered systemic products.