



Sharda Methomyl 900 SP

Reg. No. L10838 Act No. 36 of 1947 | Reg. Nr. L10838 Wet Nr 36 van 1947

RESTRICTED USE AGRICULTURAL REMEDY
THIS REMEDY IS RESTRICTED DUE TO SEVERE OR IRREVERSIBLE ADVERSE EFFECTS ON HUMAN HEALTH OR THE ENVIRONMENT. THIS REMEDY MAY ONLY BE SOLD TO AND USED BY A REGISTERED PEST CONTROL OPERATOR, OR BY SOMEONE UNDER THE SUPERVISION OF A REGISTERED PEST CONTROL OPERATOR, AND ONLY FOR THOSE USES COVERED BY THE PEST CONTROL OPERATOR'S SCOPE OF REGISTRATION, AND ONLY AS DIRECTED ON THIS LABEL.

Read the label before use
Keep out of reach of children and animals

INSECTICIDE GROUP CODE 1A

A water soluble short residual contact insecticide for the control of various insects on crops as listed.

Hazard Statements

Toxic if swallowed.
Causes mild skin irritation.
Causes serious eye irritation.
Very toxic to aquatic life with long lasting effects

Precautionary Statements

Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.

ACTIVE INGREDIENT

Methomyl (carbamate) 900 g / kg

Manufactured for and registered by | Vervaardig vir
en geregistreer deur:

Sharda International Africa (PTY) LTD

Reg. No./Reg. Nr. 2010/002268/07

P. O. Box/Posbus 82021, Southdale, 2135

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UN No. / VN Nr. 2757

INSEKODERGROEPKODE 1A

'n Wateroplosbare kontakinsekdoder met 'n kort nabywende werking vir die beheer van verskeie insekte op gewasse soos aangedui.



Danger

AKTIEWE BESTANDDEEL

Metomil (karbamaat) 900 g / kg

BATCH NUMBER LOT NOMMER	
EXPIRY DATE VERVAL DATUM	

Net Mass /
Netto Massa

10Kg

WARNINGS

ALLOW THE FOLLOWING TIMES BETWEEN LAST APPLICATION AND HARVEST OR GRAZING (FEEDING):

Green beans.....	14 Days
Grain sorghum, Grazing, Wheat.....	7 Days
Peaches	16 Days
Citrus	28 Days

- Toxic if swallowed.
- Causes mild skin irritation.
- Causes serious eye irritation.
- Very toxic to aquatic life with long lasting effects
- Do not use SHARDA METHOMYL in combination with G-49 wetter on tobacco seedbeds or on citrus. Handle with extreme care.
- HARMFUL OR FATAL BY SWALLOWING, BREATHING OR SKIN CONTACT. Absorbed through skin and eyes.

Store under lock and key in a cool dry place out of reach of children and animals • a n d away from food and feed, in accordance with the Hazardous Substances Act (Act No. 15 of 1973). DO NOT USE IN THE HOME GARDEN.

- IN CASE OF POISONING CALL A DOCTOR IMMEDIATELY and make this label available to him.
- Keep container well closed.
- AERIAL APPLICATION - notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate water or adjacent areas.

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 pest 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 immediately in the event of any uncertainty.

PRECAUTIONS

- DWash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.
- Wear eye protection/face protection.
- IF SWALLOWED: Get emergency medical help immediately.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Rinse mouth.
- If skin irritation occurs: Get medical help.
- If eye irritation persists: Get medical help.
- Store locked up.
- Dispose of contents/container to
- Do not inhale dust or spray mist.
- Wear protective clothing (respirator, boots, overall and rubber gloves) when handling the product.
- After work wash entire body with soap and water.
- Prevent contamination of food, eating utensils, feed and drinking water.
- Wash contaminated clothing and protective equipment in strong washing soda solution and rinse thoroughly before wearing again.
- Clean all equipment thoroughly after use and do not pollute the environment with wash water.

RELEVANT SUBSTANCES:

Components	%
Methomyl	< 10
Sodium dioctylsulfosuccinate	< 5
Amorphous silica	< 90

CONTAINER RINSE AND DISPOSAL

Containers and packages must be completely emptied before being disposed of. Shake out thoroughly into the mixing or spray tank before destroying the empty container.

SYMPTOMS OF HUMAN POISONING:

Headache, fatigue, faintness, giddiness, excessive sweating, nausea, abdominal pain, vomiting, blurred vision, muscle twitching, usually small pupils, respiratory distress, coma.

ANTIDOTE:

Atropine sulphate

FIRST AID TREATMENT:

ALWAYS OBTAIN TREATMENT BY A PHYSICIAN IMMEDIATELY.

Remove patient from source of poisoning (to cool and well-ventilated area) and keep him reassured and quiet. In case of accidental contact, remove contaminated clothing and rinse contaminated body area thoroughly with plenty of soap and cold water. Do not rub skin. Flush contamination out of eyes with clean water for 15 minutes. If swallowed induce vomiting by tickling the back part of the throat. Repeat until vomit is clear and free from smell of poison.

Administer artificial respiration or closed chest cardiac massage if necessary. Do not apply direct mouth to mouth respiration. Never give anything by mouth to an unconscious person. Call a physician immediately and advise him of poisoning, or transport patient to a physician or hospital, whichever is faster. SHOW THIS LABEL TO THE PHYSICIAN.

NOTE TO PHYSICIAN

Preferred treatment of poisoning in adults is Atropine sulphate 2-4 mg, intravenously, repeated at 10 to 30 minute intervals until atropinization (dry, flushed skin and tachycardia) appears. Pralidoxime (2 PAM, Protopam) and other oximes are contra-indicated. However, for exposure to both SHARDA METHOMYL and an organophosphorous insecticide, 2 PAM may be used as required to supplement the atropine sulphate treatment as described.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

For period that has to be allowed between last treatment and harvest, see **WARNINGS**.

COMPATIBILITY:

SHARDA METHOMYL 900 SP is compatible with most fungicides and insecticides normally used. IT IS NOT COMPATIBLE WITH ALKALINE MATERIALS. Do not use in combination with G49 wetter on tobacco seedbeds or on citrus.

MIXING INSTRUCTIONS:

Fill spray tank $\frac{1}{4}$ to $\frac{1}{2}$ full of water. Start agitation (use mechanical or hydraulic agitator). Add proper number of **SHARDA METHOMYL 900 SP** water soluble bags by opening envelope and immediately dumping entire contents into the spray tank. Do not touch water soluble bag. Prior to spraying, continue filling with water and continue agitation for several minutes in order to dissolve water soluble bag and its contents entirely.

AERIAL APPLICATION:

DO NOT COMMENCE AERIAL APPLICATION BEFORE CONSULTING YOUR **SHARDA METHOMYL 900 SP** REPRESENTATIVE

Aerial application of **SHARDA METHOMYL 900** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SABS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

- **Volume:** A spray mixture volume of 30ℓ per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- **Droplet coverage:** 30 to 40 droplets per cm² must be recovered on the target area.
- **Droplet size:** A droplet spectrum with a VMD of 250 to 280 microns is recommended. Limit the production of fine droplets of less than 150 microns (high drift and evaporation potential) to a minimum.
- **Flying height:** Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking
- Use suitable atomising equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible relative span.
- Position all the atomisers within the inner 60 to 75 % of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15 km/h.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Obtain an assurance from the Aerial Spray Operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

GRAINS SORGHUM LUCERNE AND WHEAT	American bollworm	Aerial Application: 200 g/ha	Apply in 30 ℓ water/ha as soon as worms are noticed (See detailed instructions above). Repeat if necessary.
		Ground application: 200 g / ha	Apply in 100 to 200 litres water per hectare. Low volume.
		50 g / 100 ℓ water	Apply not more than 400 litres spray mixture per hectare
PEACHES	False codling moth	50 g / 100 ℓ water	Apply two sprays for all varieties ensuring that the trees are thoroughly wetted. Apply the first spray 4 weeks before harvest and the second 10 days later. REGISTERED TREATMENTS FOR FRUIT FLY CONTROL SHOULD ALSO BE APPLIED (ALL VARIETIES)
BEANS	Africa bollworm	Aerial application 250 g / ha	Apply in 30 ℓ water as soon as infestation appears. Repeat if necessary. (See AERIAL APPLICATION above)
		Ground application 50 g / 100 ℓ water	Spray thoroughly to ensure good coverage. Apply up to 500 ℓ spray mixture per ha depending on crop size. Repeat if necessary.
CITRUS	Aphids	Aerial application 250 g/ha	Apply in 50 ℓ water per ha as soon as aphids and larvae appear. Repeat when necessary. (See AERIAL APPLICATION above)
	Red scale	100 g plus 3 ℓ narrow range mineral oil per 100 ℓ water	Corrective treatment: Apply when 25 to 40 % of the fruit is infested with one or more live nymphs or adult scale. Bearing trees: Apply only once between December and March and on early maturing cultivars between December and January. Use only high-pressure hand spray guns (compressor type). Do not apply with conventional citrus spray rigs.