

TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS PRODUCT IS AN OFFENCE.

PRECAUTIONS

1. **DO NOT** inhale fumes.
2. Use rubber boots and gloves when handling. Use a respirator when working in a confined area.
3. Ventilate confined area thoroughly during use.
4. Wash immediately with water after accidental skin contact.
5. Use a soothing ointment such as petroleum jelly should severe skin irritation occur.
6. **DO NOT** smoke, eat or drink during use or before washing.
7. Corrosive – clean spray apparatus thoroughly after use and dispose of wash water in a safe manner.
8. Under no circumstances must empty container be re-used for any other purpose.
9. Avoid contamination of food, feedstuffs, drinking water and eating utensils.

FIRST AID

If swallowed, call a physician. **DO NOT INDUCE VOMITING.** Rinse mouth with copious amounts of water or milk.

NOTE TO PHYSICIANS

DO NOT induce vomiting. Treat symptomatically

WARNINGS

Harmful if inhaled or swallowed. Causes irritation of skin, eyes, nose and throat. Handle with care and close container properly after use. Toxic to fish and other animals. Leave the immediate area after soil is treated. Do not use in confined areas without adequate ventilation or where fumes may penetrate adjoining premises with growing plants. Do not treat within 5 metres of existing trees and field crops. Do not use in greenhouse where desirable plants are present.

STORE AWAY FROM FOOD, FEEDSTUFF AND SEED. Keep out of reach of children, uninformed persons and animals.

Re-entry interval: 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 SOIL, CLIMATIC AND STORAGE CONDITIONS; QUALITY OF DILUTION WATER, COMPATABILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AND THE OCCURRENCE OF RESISTANCE OF WEEDS, PESTS OR DISEASES 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 THE OCCURRENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.

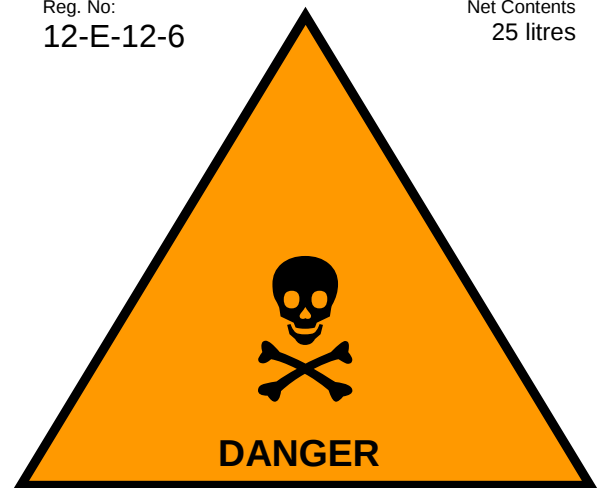
Date of Manufacture:
Batch No:
Expiry Date:

METHAM SODIUM

Soil Fumigant

Reg. No:
12-E-12-6

Net Contents
25 litres



COMPOSITION
Metham sodium
Inert ingredients

Mass/vol
510g/l
to 1 litre

CHEMICAL GROUP: Thiocarbamate

A soil fumigant for the control of certain soil fungi, nematodes and germinating weed seeds in agricultural and horticultural soils, seedbeds and planting media as indicated.

REGISTERED AND DISTRIBUTED BY:
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DIRECTIONS FOR USE: Use only as indicated.

METHAM SODIUM is a water miscible soil fumigant and can be easily applied by drenching infected soil. Do not apply METHAM SODIUM® when soil temperatures are below 10°C. For optimal efficacy, apply when soil temperatures are between 10°C and 25°C. Sub-optimal efficacy of METHAM SODIUM may occur on turf soils due to insufficient water penetration and soils with high organic matter content (high absorption coefficient).

PRE APPLICATION PROCEDURE:

Prepare the soil up to a depth of 30-50 cm to ensure a well prepared, fine tilth surface. Remove un-decayed vegetable matter. Bring soil moisture up to just below field capacity (60-80%), 2-3 weeks prior to application. Keep soil moist prior to application.

POST APPLICATION PROCEDURE:

To prevent excessive evaporation from treated areas, seal treated areas with plastic sheeting.

Aerate treated area thoroughly 7-14 days after application by cultivating soil.

Soil temperatures influence the evaporation rate of the fumigant.

Temperatures of 10-15°C: plant or sow 3-4 weeks after application.

Temperatures of +16°C: plant or sow 2-3 weeks after application.

Soils with (i) high clay content, (ii) high organic fraction or those that are saturated, will retain the fumigant and require a longer waiting period.

GROWING MEDIA AND POTTING SOIL:

Media should be moistened with METHAM SODIUM solution using a watering can whilst mixing continuously. The use of a cement mixer is ideal for this purpose.

Apply 700 – 900 ml METHAM SODIUM/m² soil, in 30-50 litres water.

Cover treated soil with a plastic sheet to prevent gases from escaping. Remove cover after three days and aerate.

See Post Application Procedure.

RATE OF APPLICATION:

DOSAGE RATE	REMARKS AND CONTROL
General 650 – 900 l per Ha in 30-50 litres water (65 – 90 ml per m ²) Rate is dependent on infestation level and target spectrum.	SOIL FUNGI: Damping off (<i>Fusarium</i> , <i>Pythium</i> , <i>Rhizoctonia</i> spp), Pink Root (<i>Pyrenochaeta terrestris</i>), White Bulb Rot (<i>Sclerotium cepivorum</i>) NEMATODES: Root Knot (<i>Meloidogyne</i> spp), Lesion (<i>Pratylenchus</i> spp), Cyst (<i>Heterodera</i> spp), Stubby (<i>Trichodorus</i> spp). WEEDS: Broadleaf: - Red garden Sorrel (<i>Oxalis latifolia</i>), Chickweed (<i>Stellaria media</i>), Khakiweed (<i>Tagetes minuta</i>) Pigweed (<i>Amaranthus deflexus</i> , <i>A. hybridus</i>), Purslane (<i>Portulaca oleracea</i>), Shepherd's Purse (<i>Capsella bursa pastoris</i>), Thornapple (<i>Datura</i> spp). Grasses: - Annual grasses including Goose grass (<i>Eleusine indica</i>), sweet Buffalo grass (<i>Panicum schinsii</i>), as well as Yellow nutsedge (<i>Cyperus esculentis</i>).
TRB NO: 13-16-E-13 Tobacco Seedbeds 100 ml/m ² in 4 litres water	Prepare soil to a depth of 30 cm with fine tilth surface. Apply 100 ml as a drench in 4 ltr water/m ² and follow up with a further 4 ltr water/m ² . Seal bed with plastic for 7 days, then aerate for 21 days minimum by cultivating the soil.
TRB NO: 15-16-E-20 Tobacco Lands	It is recommended that Metham Sodium is applied in combination with resistant cultivars at 60-120 lt/ha.—the higher the rate the better the control . Apply diluted with water in the ratio 1:1 i.e.120-240 lts mix per Ha , by tine or shank to a depth of 30 cms 2-4 weeks before planting depending on soil type and moisture levels . .

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