

Sipcam C50

(MAPP 10610)

A fungicide for use
on all varieties of early
and maincrop potatoes
for the control of foliar
blight



**WATER
SOLUBLE
BAG**

SIPCAM U.K.

Sipcam C50

(MAPP 10610)

A wettable powder containing 50% w/w cymoxanil.
A fungicide for use on all varieties of early and maincrop potatoes
for the control of foliar blight.

This leaflet is part of the approved product label.



HARMFUL

Harmful if
swallowed.



DANGEROUS FOR THE ENVIRONMENT

Very Toxic to aquatic organisms,
may cause long term adverse effects
in the aquatic environment.

Contains cymoxanil.

May produce an allergic reaction.

Safety Data Sheet available for the professional user on request.
To avoid risks to man and the environment, comply with the instructions for use.

COMPLIANCE WITH THE FOLLOWING CONDITIONS OF USE AND ALL SAFETY PRECAUTIONS IS A LEGAL REQUIREMENT

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops	Maximum individual dose (kg product/hectare)	Maximum total dose (kg product/hectare)	Minimum application interval	Latest time of application
Early and maincrop potatoes	0.24	0.96	7 days	7 days before harvest

READ ALL OTHER SAFETY PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USE

READ THE LABEL BEFORE YOU BUY – USE PESTICIDES SAFELY

SIPCAM UK CONDITIONS OF SUPPLY

All goods supplied by us are of high grade, but as we cannot exercise control over their mixing or use, all conditions and warranties, statutory or otherwise, as to the quality or fitness of our goods for any purpose, are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.

SIPCAM C50 05-3

'Sipcam C50' is a trademark of Sipcam UK Limited.

3 The Barn, 27 Kneesworth Street, Royston, Herts SG8 5AB. Tel: 01763 212100. Fax: 01763 212101.

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.

SIPCAM C50 must always be used in mixture with products containing MANCOZEB or FLUAZINAM.

DISEASE CONTROL

Blight in potatoes (*Phytophthora infestans*) is a disease, which is variable in its occurrence and severity. SIPCAM C50 allows the use of a flexible programme to retain continuous healthy foliage free from this disease. The recommended mixes combine the local systemic action of SIPCAM C50 with the protectant activity of MANCOZEB or FLUAZINAM.

CROPS

All varieties of early and maincrop potatoes may be treated with SIPCAM C50. On crops grown for processing consult your processor before use.

MIXING INSTRUCTIONS

Three quarters fill the spray tank with clean water and begin agitation. Place soluble bag directly into spray tank. **DO NOT TOUCH SOLUBLE BAG WITH WET GLOVES. DO NOT OPEN SOLUBLE BAG.**

ADD THE PARTNER PRODUCT and complete filling. Continue agitation until spraying is completed.

SPRAY QUALITY

Apply SIPCAM C50 as a MEDIUM spray as defined in the BCPC system.

SIPCAM C50 + MICENE 80 / MICENE DF

Application rate

Apply 0.24kg SIPCAM C50 plus 1.7kg MICENE 80 or MICENE DF, or other products containing mancozeb (MAFF 04017, 09754), in at least 200 litres of water per hectare.

Timing

Apply the first spray before the haulm meets across the rows or as soon as a blight warning is received, whichever occurs first. Repeat every 10 days. A 7 day period may be used under exceptional circumstances where for instance, blight risk is already high and rain is forecast at the time the next spray is due. A maximum of four applications may be applied.

SIPCAM C50 + FLUAZINAM (MAFF 07091, 08761)

Application rate

Apply 0.24kg SIPCAM C50 plus 0.3l fluazinam (MAFF 07091, 078761) in at least 200 litres of water per hectare.

Timing

Apply the first spray before the haulm meets across the rows or as soon as a blight warning is received, whichever occurs first.

Apply at 10 day intervals in “**high risk**” situations – following two warm, humid days or in irrigated crops.

Apply at 7 day intervals in “severe risk” situations – during continued warm, humid weather and when blight is in nearby crops, potato dumps or volunteer plants.

A maximum of four applications may be applied.

Some reduction in tuber blight may occur when SIPCAM C50 is used in mixture with fluazinam.

COMPATIBILITY

SIPCAM C50 may be applied to recommended crops in a two-way tank-mix with the following products:

MANCOZEB (MAFF 04017, 09754)

FLUAZINAM (MAFF 07091, 08761)

Please refer to Mixing Instructions

In keeping with good spraying practice, tank mixtures should not be allowed to stand in the tank and agitation should be maintained at all times.

Tank-mixed applications must be made within the label instruction of both products.

PRECAUTIONS

Operator Protection

WEAR PROTECTIVE GLOVES when handling water soluble bags and when handling contaminated surfaces.

PLACE SOLUBLE BAG DIRECTLY INTO SPRAY TANK.

DO NOT TOUCH SOLUBLE BAG WITH WET GLOVES.

DO NOT OPEN SOLUBLE BAG.

ENSURE ALL OTHER LABEL CONDITIONS ARE FOLLOWED.

WASH CONCENTRATE from skin and eyes immediately.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

Environmental Protection

HARMFUL TO FISH OR OTHER AQUATIC ORGANISMS. Do not contaminate surface waters and ditches with chemical or used container.

Use appropriate containment to avoid environmental contamination.

Storage & Disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

EMPTY CONTAINER COMPLETELY AND DISPOSE OF SAFELY.

IF YOU FEEL UNWELL, seek medical advice (show the label where possible).

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

This material and its container must be disposed of in a safe way.

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY

Product name – Sipcam C50

Use – Fungicide

Formulation type – Wettable powder

Supplier – Sipcam UK Limited, 3 The Barn, 27 Kneesworth Street, Royston, Herts SG8 5AB

Emergency phone no – Office 01763 212100

2. COMPOSITION/INFORMATION ON INGREDIENTS

Common name – Cymoxanil

CAS/EC no – 57966-95-7

Hazard Symbol – Xn, N

R phrases – R22, R43, R50/53

Conc* – 50%

3. HAZARDS IDENTIFICATION

Critical Hazard to man – Danger of serious damage to health by prolonged exposure if swallowed.

Critical Hazard to environment – Very Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

General advice – Remove from source of exposure. Remove all contaminated clothing and wash affected area.

Inhalation – Remove the individual from exposure to this product and keep well ventilated with fresh air. Keep at rest. If necessary and if breathing stops, give artificial respiration. Seek medical attention.

Skin contact – Remove contaminated clothing immediately.

Wash affected area thoroughly with soap and water.

Rinse with more water. Seek medical attention.

Eye contact – Rinse immediately with plenty of water for at least 15 minutes and then seek medical attention.

Ingestion – If swallowed, seek medical attention immediately.

Poisoning symptoms – Symptoms may not be apparent immediately but may occur after a few hours; therefore maintain under medical supervision for at least 48 hours.

Treatment – No Specific antidote. Treat Symptomatically and Supportive.

Consult a Poisons Centre such as;

0171 635 9191 (National Poisons Information Service - London)

(AUTHORISED MEDICAL PRACTITIONERS ONLY)

5. FIRE FIGHTING MEASURES

Suitable extinguishing media – Fight fire with CO₂, dry chemical powder, foam or water spray (in preference to water jet).

Specific hazards – Combustion may generate toxic fumes containing HCl, CO and NO₂. Under certain fire conditions traces of other toxic gases cannot be excluded.

Protective equipment – Wear self-contained breathing apparatus (SCBA).

Specific Methods – Cool containers with spray. Contain fire-fighting water, bunding if necessary with sand, earth, or other inert material.

6. ACCIDENTAL RELEASE MEASURES

Personal Protective Equipment – Wear protective coveralls, neoprene gloves, rubber boots and faceshield or goggles, covering as much of the body as possible (See Section 8).

Environmental protection – HARMFUL TO FISH OR AQUATIC LIFE. Do not contaminate surface water or ditches with chemical or used container.

Inform local water plc immediately if spillage enters drains and the National Rivers Authority (England and Wales) or River Purification Boards (Scotland), if it enters surface or ground waters.

Clean up Methods – Sweep up carefully and shovel sweepings into marked bags or drums. Dispose of through a reputable local waste disposal contractor.

7. HANDLING AND STORAGE

Handling – Use Personal Protective Clothing as specified in Section 8. Avoid fumes - work in a well ventilated area.

Storage – KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place. The product is not explosive. Store under dry conditions.

Other

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

AVOID ALL CONTACT BY MOUTH, WITH SKIN AND EYES.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking and after work.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN.

EMPTY CONTAINER COMPLETELY AND DISPOSE OF SAFELY.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits

CAS – 57966-95-7

Material – Cymoxanil

% – 50

Type – TWA

Value (unit) – 5 mg/m³

Engineering measures – Use a cab fitted with a forced air filtration unit with a pesticide filter when spraying.

Personal Protective Equipment

WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES when handling the concentrate and when handling contaminated surfaces.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

Where PPE cannot be cleaned, dispose of as contaminated waste.

9. PHYSICAL AND CHEMICAL PROPERTIES

State – Powder

Density – 0.4 g/cm³

Colour – Beige/yellow

Odour – Characteristic

pH (10g/l in water) – 3-5

Solubility – dispersible

10. REACTIVITY AND STABILITY

Stability – Stable under normal ambient conditions. Non-flammable and non-corrosive.

Condition to avoid – Protect from humidity, high temperatures and direct Sunlight.

11. TOXICOLOGICAL INFORMATION

Acute oral LD₅₀ (rat) – 1200 mg/kg

Acute dermal LD₅₀ (rat) – > 2,000 mg/kg

Acute inhalation LC₅₀ (4h, rat) – >3.31 mg/l/4h

Skin Irritation – non irritant

Eye Irritation – non irritant

Sensitisation – No sensitising effect known, contains cymoxanil may cause an allergic reaction.

12. ECOLOGICAL INFORMATION

Mobility – Log POW - 0.66 pH7

Ecotoxicity

(ai) Rainbow Trout LC₅₀ 18.7 mg/l (96hr)

(ai) Mallard Duck LD₅₀ >5620 8 days mg/kg

13. DISPOSAL

Contact Local Authority (Environmental Health Department) or a reputable waste disposal company for collection and disposal of unwanted product or containers.

For further guidance on the disposal of containers, surplus spray solution, tank washings and concentrate, refer to Part 5 (Disposal of Pesticide Waste) of the MAFF/HSE booklet "Pesticides: Code of Practice for the Safe Use of Pesticides on Farms and Holdings".

14. TRANSPORT

UN Number – N/A

Packaging Group – Not classified

Marine Pollutant – Not classified

ADR/RD Classification – Not classified

IMDG/IMO Classification – Not classified

15. REGULATORY INFORMATION

Hazard Symbol – Xn, Harmful

– N, Dangerous for the environment

Risk Phrases (R) – R22 Harmful if swallowed.

– R50/53 Very Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Safety Phrases – S35 This material and its container must be disposed of in a safe way.

– S36/537 Wear suitable protective clothing and gloves.

– S57 Use appropriate containment to avoid environmental contamination.

16. OTHER INFORMATION

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

Packaging

Container – Container 10 x 1 kg box/polyethylene lined paper sack

Approval number – MAPP 10610