



Material Safety Data Sheet

According to 91/155 EEC

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1 Identification of substance:

Trade name: mepanipirim 50 WP (KIF 3535 50 WP)

Article number: 1286R

use fungicide

Application of the substance / the preparation Agricultural chemicals

Manufacturer/Supplier:

SIPCAM SPA - VIA VITTORIO VENETO 81 - 26857 SALERANO SUL LAMBRO (LODI)

TEL 0039-(0)371-5961

FAX 0039-(0)371-71408

Emergency information: Emergency phone: + 39 0371 5961

2 Composition/Data on components:

Chemical characterization

Mol formula

Description: Mixture of the substances listed below with harmless additions.

Dangerous components:

CAS NO.	Designation	%	Index	R-phrases
110235-47-7	mepanipirim		Xn, N	R 40-50/53 50.0%

Additional information For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

Information pertaining to particular dangers for man and environment

R 40 Limited evidence of a carcinogenic effect.

R 43 May cause sensitisation by skin contact.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification system

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 First aid measures

General information Take affected persons into the open air.

After inhalation Supply fresh air; consult doctor in case of symptoms.

After skin contact

Instantly wash with water and soap and rinse thoroughly.

The product is not skin irritating.

After eye contact Rinse opened eye for several minutes under running water.

After swallowing In case of persistent symptoms consult doctor.

Information for doctor

Danger Condition may deteriorate with alcohol consumption.

Treatment

Seek the advice of a Poison Control Centre

Treat symptomatically and supportively

5 Fire fighting measures

Suitable extinguishing agents

Water haze

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CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Special hazards caused by the material, its products of combustion or resulting gases:

Formation of toxic gases is possible during heating or in case of fire.

Protective equipment:

Put on breathing apparatus.

Face mask with universal filter.

In case of major fires wear a self-contained breathing apparatus.

Additional information Collect contaminated fire fighting water separately. It must not enter drains.

6 Accidental release measures

Person-related safety precautions:

Put on breathing apparatus.

Keep away from ignition sources

Wear protective clothing.

Measures for environmental protection:

Do not allow product to reach sewage system or water bodies.

Inform respective authorities in case product reaches water or sewage system.

Do not allow to enter drainage system, surface or ground water.

Measures for cleaning/collecting:

Collect into hermetically sealed containers and dispose of according to local Regulations.

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7 Handling and storage

Handling

Information for safe handling:

Prevent formation of dust.

Keep away from heat and direct sunlight.

Keep containers tightly sealed.

When handling, do not eat, drink or smoke.

Wear protective equipment.

Avoid contact with skin and eyes and avoid to breathe dusts.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Storage

Store the product closed in its original containers at temperature <40°C in a cool and dry place, away from heat sources and direct sunlight.

Requirements to be met by storerooms and containers: Store only in the original container.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Store under dry conditions.

This product is hygroscopic.

8 Exposure controls and personal protection

Additional information about design of technical systems: No further data; see item 7.

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the compilation were used as basis.

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Trade name: *mepanipyrim 50 WP (KIF 3535 50 WP)*

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Personal protective equipment

General protective and hygienic measures

The usual precautionary measures should be adhered to general rules for handling chemicals.

Take off immediately all contaminated clothing

Keep away from foodstuffs, beverages and food.

Avoid contact with the eyes and skin.

Wash hands during breaks and at the end of the work.

Breathing equipment:



Breathing protection recommended.

Recommended filter device for short term use: Filter P1

Protection of hands:



Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

Rubber gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Eye protection:



Safety glasses

Body protection:



Protective work clothing.

9 Physical and chemical properties:

General Information

Form:	Powder
Colour:	Beige
Odour:	Characteristic

Change in condition

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined

Flash point:	Not applicable
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Self-inflammability:	Product is not selfigniting.
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Danger of explosion:	Product is not explosive.
Density at 20°C	0.4 g/cm ³
Solubility in / Miscibility with Water:	Unsoluble
Solvent content:	
Organic solvents:	0.0 %
Water:	0.0 %
Solids content:	100 %

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous products of decomposition:

Thermal decomposition products may include toxic and corrosive fumes of chlorides and toxic oxides of nitrogen

11 Toxicological information

Acute toxicity:

LD/LC50 values that are relevant for classification:

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>4000 mg/kg (rat)
Inhalative	LC50/4 h	>3.5 mg/l (rat)

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritant effect.

Sensitization: Sensitization possible by skin contact.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

12 Ecological information:

Ecotoxicological effects:

Aquatic toxicity:

active ingredient	fish	LC 50 mg/l
EC 50%	0.46 (96h) mg/l (algae)	
	0.96 (48h) mg/l (daphnia)	
LC 50	>1.34 (96h) mg/l (fish)	

General notes:

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

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13 Disposal considerations

Product:

Recommendation



Must be specially treated under adherence to official regulations.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14 Transport information

Land transport ADR/RID (cross-border)



ADR/RID-GGVS/E Class: 9 Miscellaneous dangerous substances and articles.

Kemler Number: 90

UN-Number: 3077

Packaging group: III

Label 9

Designation of goods: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(mepanipirim)

Maritime transport IMDG:



IMDG Class: 9

UN Number: 3077

Label 9+P

Packaging group: III

EMS Number: F-A,S-F

Marine pollutant: Yes

Correct technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(mepanipirim)

Air transport ICAO-TI and IATA-DGR:



ICAO/IATA Class: 9

UN/ID Number: 3077

Label 9+P

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Packaging group: III
Correct technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.(mepanipirim)

15 Regulatory information

Designation according to EC guidelines:

Observe the normal safety regulations when handling chemicals

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV)

Code letter and hazard designation of product:



Xn Harmful

N Dangerous for the environment

Risk phrases:

40 Limited evidence of a carcinogenic effect.

43 May cause sensitisation by skin contact.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

36/37 Wear suitable protective clothing and gloves.

38 In case of insufficient ventilation, wear suitable respiratory equipment.

57 Use appropriate container to avoid environmental contamination.

60 This material and its container must be disposed of as hazardous waste.

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing data specification sheet: Product safety department.

Contact:

SIPCAM Stabilimento di Salerano sul Lambro (LO)

Product safety department

Tel.: 0039 (0)371/596-1 - fax: 0039 (0)371/71408

R phrases

40 Limited evidence of a carcinogenic effect.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

* Data compared to the previous version altered.

11.04.2002

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