



Bayer Environmental Science

CHIPCO GREEN

Version 1
Revision Date 25.06.2003

GB
102000002129

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**Product information**

Trade name : CHIPCO GREEN
 Product code : EXP01861L
 Specification : 18763
 Usage : fungicide
 Company : Bayer Environmental Science
 Durkan House
 214-224 High Street
 Waltham Cross
 Hertfordshire EN8 7DP
 United Kingdom

Telephone : +44(0)1992 784270
 Telefax : +44(0)1992 784276

Emergency telephone number : 0800-220876 (UK only)
 +44(0)1223-870312

2. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**

Suspension concentrate (=flowable concentrate)(SC)
 Iprodione 255 g/l SC

Hazardous components

Chemical Name	CAS-No.	Symbol(s):	R-phrases)	Concentration [%]
Iprodione	36734-19-7	Xn, N	R40 R50/53	25.00
Highly refined base oil/mineral oil				> 25.00 - < 50.00
1,2 Propanediol	57-55-6			> 1.00 - < 5.00

3. HAZARDS IDENTIFICATION**Risk advice to man and the environment**

Limited evidence of a carcinogenic effect.
 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

General advice : If you feel unwell, seek medical advice (show the label where possible).



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- Skin contact : After contact with skin, wash immediately with plenty of water.
- Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- Ingestion : If swallowed, seek medical advice immediately and show this container or label.

Notes to physician

- Risks : Medical supervision for minimum 48 hours.
- Treatment : There is no antidote.
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : water spray
carbon dioxide (CO₂)
foam
dry powder
- Specific hazards during fire fighting : The product itself does not burn.
In the event of fire the following can be released:
carbon monoxide (CO)
hydrogen chloride (HCl)
nitrogen oxides (NO_x)
- Special protective equipment for fire-fighters : Use breathing apparatus.
- Further information : Contain the spread of the fire-fighting media.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment.
- Environmental precautions : Keep people and animals away.
If spillage enters drains leading to sewage works inform local water company immediately.
If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).
- Methods for cleaning up : Recover the product by pumping, suction or absorption using a dry and inert absorbent clay.
Pick up and fill the product into a tightly closed container.
When picked up, treat material as prescribed under heading "Disposal".
- Additional advice : Information regarding safe handling, see section 7.
Information regarding personal protective equipment, see



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section 8.
Information regarding waste disposal, see section 13.
Check also for any local site procedures.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Smoking, eating and drinking should be prohibited in the application area.

Storage

Requirements for storage areas and containers : Keep out of the reach of children.

Advice on common storage : Keep away from food, drink and animal feedingstuffs.

Suitable materials : High density polyethylene

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Refer to COSHH assessment (Control of substances Hazardous to Health Regulations 1999 as amended). Engineering controls should be used in preference to personal protective equipment wherever practicable.

Components with workplace control parameters

Components	CAS-No.	Control parameters	Update	Basis
Highly refined base oil/mineral oil		5 mg/m ³ (TWA) 10 mg/m ³ (STEL)		EH40 OES EH40 OES
1,2 Propanediol	57-55-6	10 mg/m ³ (TWA) 474 mg/m ³ (TWA)	2001 2001	EH40 OES EH40 OES

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : Plastic-coated gloves

Eye protection : safety glasses with side-shields

Skin and body protection : Impermeable protective clothing

Hygiene measures : Clean hands and face at work intervals and after work.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid
Colour : green

Safety data

pH : 3 - 5
Note: Determined as a 1% suspension in distilled water.

Density : 1.02 g/l

Water solubility : Note: dispersible

10. STABILITY AND REACTIVITY

Hazardous reactions : No hazardous reactions when stored and handled according to prescribed instructions.
Note: Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 (rat) > 2,000 mg/kg

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

Skin irritation : rabbit
Result: non-irritant

Eye irritation : rabbit
Result: non-irritant

Sensitization : Result: non-sensitizing

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish : LC50: 24 mg/l
Rainbow trout (*Oncorhynchus mykiss*)
Exposure time: 96 h

Toxicity to daphnia : EC50: >= 0.48 mg/l
Water flea (*Daphnia magna*)
Exposure time: 48 h

Toxicity to algae : EC50: 12.8 mg/l
Senedesmus subspicatus



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Exposure time: 72 h

13. DISPOSAL CONSIDERATIONS

- Product : In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority
Can be landfilled or incinerated, when in compliance with local regulations.
Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK).
- Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste.
Empty containers can be landfilled after cleaning, when in compliance with the Environmental Protection (Duty of Care) Regulations 1991.
- Waste key for the unused product : 020108 agrochemical waste containing dangerous substances

14. TRANSPORT INFORMATION

- ADR/RID** : UN-No **3082**
Class 9
Packaging group III
Hazard no. 90
Description of the goods 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IPRDIONE)
- ADNR** : UN-No **3082**
Class 9
Item 11
Letter c
Description of the goods 3082 Environmentally hazardous substance, liquid, n.o.s. (IPRDIONE)
- IMDG** : UN-No **3082**
Class 9
Packaging group III
EmS NONE
Description of the goods ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IPRDIONE 25%)
- IATA** : UN-No **3082**
Class 9
Packaging group III
Description of the goods Environmentally hazardous substance, liquid, n.o.s.

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(IPRODIONE)

CDG CPL :	UN-No	3082
	Class	9
	Packaging group	III
	Hazard identification number	90
	Emergency action code	2X
	Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IPRODIONE)

15. REGULATORY INFORMATION

This product has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP 3.

Hazardous components which must be listed on the label:

- Iprodione

Symbol(s):	: Xn N	Harmful Dangerous for the environment
R-phrase(s)	: R40 R50/53	Limited evidence of a carcinogenic effect. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrase(s)	: S35 S36/37 S57	This material and its container must be disposed of in a safe way. Wear suitable protective clothing and gloves. Use appropriate containment to avoid environmental contamination.
Exceptional labelling of special preparations	: Restricted to professional users. To avoid risks to man and the environment, comply with the instructions for use.	
Further information	: WHO-classification: III (Slightly hazardous)	

16. OTHER INFORMATION**Further information**

Text of R phrases mentioned in Section 2:

R40	Limited evidence of a carcinogenic effect.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



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The above information is intended to give general health and safety guidance on the storage and transport of the product.

It is not intended to apply to the use of the product for which purposes the product label and any appropriate technical usage literature available should be consulted and any relevant licenses, consents or approvals complied with.

The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

The information provided in this safety data sheet is accurate at the date of publication and will be updated as and when appropriate.

No liability will be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

Changes since the last version will be highlighted in the margin. This version replaces all previous versions.