



CHIPCO GREEN SC255 4X5L JUG GB

Version 1 / GB
102000002129

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Revision Date: 10.04.2006
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Trade name CHIPCO GREEN SC255 4X5L JUG GB
Product code (UVP) 05930758
Usage fungicide

Company Bayer Environmental Science
 230 Cambridge Science Park
 Milton Road
 Cambridge
 Cambridgeshire CB4 0WB
 Great Britain

Telephone +44(0)1223 226500
Telefax +44(0)1223 426240
Emergency telephone number 0800-220876 (UK 24 hr)
 +44(0)1603-242424 (Overseas 24 hr)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

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

Hazardous components

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrases(s)	Concentration [%]
Iprodione	36734-19-7 253-178-9	Xn, N	R40, R50/53	25.00
1,2-Propanediol	57-55-6 200-338-0			> 1.00 - < 5.00
Tributyl phenol polyglycol ether	9046-09-7	Xn, N	R22, R41, R51/53	> 0.10 - < 1.00

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

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Skin contact

After contact with skin, wash immediately with plenty of water.



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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

Treatment

There is no specific antidote.
Treat symptomatically.
Medical supervision for minimum 48 hours.

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

Do not discharge into the drains/surface water/groundwater.
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 in Ch. 13. "Disposal considerations".

Additional Advice

Information regarding safe handling, see section 7.
Information regarding personal protective equipment, see section 8.
Check also for any local site procedures.

7. HANDLING AND STORAGE



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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 (Amendment) Regulations 2004). Engineering controls should be used in preference to personal protective equipment wherever practicable. Refer also to COSHH Essentials.

Components with workplace control parameters

Components	CAS-No.	Control parameters	Update	Basis
1,2-Propanediol (Particulate.)	57-55-6	10 mg/m ³ (TWA)	2005	EH40 WEL
1,2-Propanediol (Vapor and particulates.)	57-55-6	474 mg/m ³ / 150 ppm (TWA)	2005	EH40 WEL

Personal protective equipment

Respiratory Protection	No personal respiratory protective equipment normally required. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.
Hand Protection	Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness 0,40 mm). Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed. Wash hands always before eating, drinking, smoking or using the toilet.
Eye protection	Wear goggles conforming to EN166 (Field of Use 5 or equivalent).
Skin and body protection	Wear standard coverall and Type 6 suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.
Hygiene measures	Clean hands and face at work intervals and after work.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form liquid, suspension
Colour green

Safety data

pH 3 - 5 at 1 % (20 °C)
Density ca. 1.02 g/cm³ at 20 °C
Water Solubility dispersible
Viscosity, dynamic 40 - 100 mPa.s at 20 °C

10. STABILITY AND REACTIVITY

Conditions to Avoid Extremes of temperature and direct sunlight.
Materials to avoid None.
Hazardous Reactions No hazardous reactions when stored and handled according to prescribed instructions.
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 Non-irritant. (rabbit)
Eye Irritation Non-irritant. (rabbit)
Sensitization Non-sensitizing.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to Fish LC50 (Rainbow trout (*Oncorhynchus mykiss*)) 24 mg/l
Exposure time: 96 h
Toxicity to daphnia EC50 (Water flea (*Daphnia magna*)) 0.25 mg/l
Exposure time: 48 h
The value mentioned relates to the active ingredient.

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Toxicity to algae EC50 (Scenedesmus subspicatus) 12.8 mg/l
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.

Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK).

Contaminated packaging

Small containers (< 10 l or < 10 kg) should be rinsed thoroughly using an integrated pressure rinsing device, or, by manually rinsing three times.

Add washings to sprayer at time of filling.

Dispose of empty and cleaned packaging safely.

Large containers (> 25 l or > 25 kg) should not be rinsed or re-used for any other purpose.

Return large containers to supplier.

Follow advice on product label and/or leaflet.

Waste key for the unused product

020108 agrochemical waste containing dangerous substances

14. TRANSPORT INFORMATION**ADR/RID/ADNR**

UN-No	3082
Labels	9
Packaging group	III
Hazard no.	90
Description of the goods	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IPRODIONE SOLUTION)

IMDG

UN-No	3082
Class	9
Packaging group	III
EmS	F-A , S-F
Marine pollutant	Marine pollutant
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IPRODIONE SOLUTION)

IATA

UN-No	3082
Class	9
Packaging group	III
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IPRODIONE SOLUTION)

UK 'Carriage' Regulations

UN-No	3082
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Labels	9
Packaging group	III
Hazard no.	90
Emergency action code	3Z
Description of the goods	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IPRODIONE SOLUTION)

15. REGULATORY INFORMATION

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

Classification:

Hazard warning labelling compulsory

Hazardous components which must be listed on the label:

- Iprodione

Symbol(s)

Xn	Harmful
N	Dangerous for the environment

R-phrases(s)

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

S-phrases(s)

S35	This material and its container must be disposed of in a safe way.
S36/37	Wear suitable protective clothing and gloves.
S57	Use appropriate container to avoid environmental contamination.

CLASSIFICATION ACCORDING TO SPECIFIC UK REGULATIONS:

The labelling information below is that which has been approved under 'The Control of Pesticides Regulations 1986' and/or 'Part III of the Food and Environment Protection Act 1985' and/or 'Plant Protection Product Regulations 1999' and any subsequent amendments and may differ from that indicated by any toxicological and/or other testing otherwise indicated in this 'Safety Data Sheet'.

Symbol(s)

Xn	Harmful
N	Dangerous for the environment

R-phrases(s)

R36/38	Irritating to eyes and skin.
R40	Limited evidence of a carcinogenic effect.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S35	This material and its container must be disposed of in a safe way.
S36/37	Wear suitable protective clothing and gloves.
S57	Use appropriate container to avoid environmental contamination.

Exceptional labelling

To avoid risks to man and the environment, comply with the instructions for use.

Further information

WHO-classification: III (Slightly hazardous)



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16. OTHER INFORMATION

Further information

Text of R phrases mentioned in Section 2:

R22	Harmful if swallowed.
R40	Limited evidence of a carcinogenic effect.
R41	Risk of serious damage to eyes.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 are highlighted in the margin. This version replaces all previous versions.