

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: 255g/L Iprodione SC

Trade name CHIPCO GREEN SC255 4X5L JUG GB

Product code (UVP) 05930758

Usage: fungicide

2. Composition

Chemical name	CAS No.	Symbol	R-phase	Concentration(%)
iprodione	36734-19-7	Xn,N	R40,R50/53	25.00
1,2-propanediol	57-55-6			> 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.

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

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. 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 feeding stuffs. Suitable materials

High density polyethylene

8. PERSONAL PROTECTION

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form liquid, suspension

pH 4-7 at 1 % (20 °C)

Colour white

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 96 h
 Toxicity to daphnia: EC50 (Water flea (*Daphnia magna*)) 0.25 mg/l, 48h The value mentioned relates to the active ingredient.
 Toxicity to algae : EC50 (*Scenedesmus subspicatus*) 12.8 mg/l, 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.

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.

14. TRANSPORT INFORMATION

UN Number: 3082

Road Transport ADR/IRD: Class: 9

Packaging group: III

UN Proper Shipping Name: Environmentally Hazardous Substance, N.O.S (Iprodione 255 g/l)

Maritime Transport IMDG/IMO: Class: 9

Packaging group: III

UN Proper Shipping Name: Environmentally Hazardous Substance, N.O.S (Iprodione 255 g/l)

Marine Pollutant (Y/N): YES

Air Transport IATA/ICAO: Class: 9

Packaging group: III

UN Proper Shipping Name: Environmentally Hazardous Substance, N.O.S (Iprodione 255 g/l)

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

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-phrase(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.

Symbol(s)

Xn Harmful

N Dangerous for the environment

R-phrase(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-phrase(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)

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.