



SAFETY DATA SHEET

IPPON 500 SC

1. Identification of the substance/preparation and of the company/undertaking

Product name : IPPON 500 SC
Chemical product name : Iprodione 500 g/l
Formulation type : SC
Product Code : CA701303
CAS No. : Mixture.
Product Use : Agricultural industry.: Fungicide.
Manufacturer : CHIMAC-AGRI PHAR SA
26, rue de Renory
B 4102 Ougrée
Tel: +32(0)4 385.97.11
Fax: +32(0)4 385.97.49
Distributor : ADRIA NEW ZEALAND LTD
PO BOX 535 KUMEU
AUCKLAND
Tel: 09-412-9817
Fax: 09-412-9807
Emergency telephone number : National Poisons Centre. Ph: 0800 POISON (0800 764 766)

2. Composition / information on ingredients

Substance/Preparation : Preparation

Information on hazardous ingredients*

Chemical Name	CAS No.	%	EC Number	Symbol	R-Phrases
1) Iprodione	36734-19-7	40-50	253-178-9	Xn, N	R40, R50/53

3. Hazards identification

Physical/Chemical Hazards : Not applicable.
Environmental Hazards : Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

4. First-aid measures

First-Aid measures

Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Skin Contact : Wash with soap and water. Get medical attention if irritation develops. Cold water may be used.

Eye Contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Aggravating conditions : Repeated or prolonged exposure is not known to aggravate medical condition.



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5. Fire-fighting measures

Extinguishing Media

- Suitable** : Not applicable.
- Special fire-fighting procedures** : Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. Accidental release measures

- Personal precautions** : Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
- Environmental Precautions and Clean-up Methods** : Absorb with an inert material and put the spilled material in an appropriate waste disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

7. Handling and storage

- Handling** : Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids, alkalis.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended use** : Use original container.

8. Exposure controls/personal protection

- Engineering measures** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
- Hygiene measures** : Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of day.
- Occupational Exposure Limits** : Not available.
- Personal protective equipment**
- Respiratory system** : Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.
- Skin and body** : Lab coat.
- Hands** : Gloves.
- Eyes** : Safety glasses.



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9. Physical and chemical properties

Physical state	: Liquid. (Viscous liquid.)
Color	: Beige. Clear (Light.)
Odor	: Not available.
Boiling Point	: The lowest known value is 100°C (212°F) (Water).
Melting Point	: May start to solidify at 0°C (32°F) based on data for: Water.
Density	: 1.182 g/cm ³ at 20°C (68°F)
Solubility	: Easily soluble in cold water, hot water, methanol, acetone. Partially soluble in n-octanol.
Octanol/water partition coefficient	: The product is more soluble in water.
pH	: 7.1
Flash point	: Not applicable.
Explosive properties	: Risks of explosion of the product in presence of mechanical impact: Not available. Explosive in presence of open flames and sparks.
Viscosity	: Dynamic: 1049 cP

10. Stability and reactivity

Stability	: The product is stable.
Materials to avoid	: Reactive with oxidizing agents, acids, alkalis.

11. Toxicological information

Local effects	
Eye irritation	: Non-irritating to the eyes.
Acute toxicity	: Acute oral toxicity (LD50): 4400 mg/kg [Rat]. (Iprodione). Acute dermal toxicity (LD50): >2500 mg/kg [Rat]. (Iprodione).
Chronic toxicity	: Repeated or prolonged exposure is not known to aggravate medical condition.

12. Ecological information

Ecotoxicity	: - Iprodione : 4.1 mg/l, 96 hours [Fish]. 0.25 mg/l, 48 hours [Daphnia]. Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
Environmental Hazards	: Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

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13. Disposal considerations

Methods of disposal ; Waste of residues ; Contaminated packaging : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Classification : Not applicable.

14. Transport information

International transport regulations

UN number : 3082

Land - Road/Railway

Proper shipping name : Environmentally hazardous substance, liquid, n.o.s., solution (Iprodione)

ADR/RID Class : Class 9: Miscellaneous substances.

Packing Group : III

Hazard Identification Number : 90

ADR/RID label :



Sea

Proper shipping name : Environmentally hazardous substances, liquid, N.O.S. (Iprodione)

IMDG Class : Class 9: Miscellaneous substances.
Marine pollutant

IMDG Page Number : 9028

Packing Group : III

IMDG label :



Marine Pollutant : IMDG Class: Marine Pollutant. (Pollutant.)

Air

Proper shipping name : Environmentally hazardous substances, liquid, N.O.S. (Iprodione)

UN/ID Number : 3082

IATA-DGR Class : Class 9: Miscellaneous substances.

IATA label :



Inland waterways

Proper shipping name : Environmentally hazardous substances, liquid, N.O.S. (Iprodione)

ADNR Classification : Class 9: Miscellaneous substances.

UN/NA (Europe) ADNR : 3082

Packing Group : III



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ADNR label



15. Regulatory information

EU Regulations

Hazard symbol(s)



Classification

: Dangerous for the environment

Risk Phrases

: R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

: S2- Keep out of the reach of children.
S56- Dispose of this material and its container at hazardous or special waste collection point.

Product Use

: Classification and labeling have been performed according to EU directives 67/548/EEC, 88/379/EEC including amendments and the intended use.
- Consumer applications.

16. Other information

HISTORY

Date of printing

: 9/10/2000

Date of issue

: 11/09/2000.

Date of Previous Issue

: No Previous Validation

Version

: 1.01

Prepared by

: CHIMAC-AGRI PHAR

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Version 1.01