

## Segard 500SC™

### MATERIAL SAFETY DATA SHEET

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#### SECTION 1 Chemical product and Company identification

Product Name: Segard 500SC™ (Iprodione)

Chemical name: 3-(3,5-dichlorophenyl)-N-isopropyl-2,4-dioximidazolidine-1-carboxamide

Formula: C<sub>13</sub>H<sub>13</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>3</sub>

Chemical Family: Dicarboximide

Product Use: Commercial Fungicide

Supplier: SINERIA HOLLAND BV

Randwycksingel 20-A015

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#### SECTION 2 Composition/Information on Ingredients

<u>Product Name</u>	<u>Quantity</u>	<u>CAS RN</u>
Iprodione	500 gr/lit	36734-19-7

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#### SECTION 3 Hazards Identification

Health Effects: Slightly toxic

WHO Classification: Class III

Swallowed: Might be harmful if swallowed

Skin: Might mildly irritate the skin

Eye: Might slightly irritate the eyes, causing redness and tearing

Inhalation: Might be slightly toxic

Chronic: None known

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#### SECTION 4 First Aid Measures

General advice: Move out of dangerous area. Remove contaminated clothing immediately and dispose of safely. Place and transport victim in stable position (lying sideways). Contact a doctor or Poisons Information Centre.



Skin Contact: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention. Remove contaminated clothing and laundry before reuse.

Eyes Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

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

Inhalation: If swallowed dilute with 1-2 glasses of milk or water and then induce vomiting

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### SECTION 5 Fire Fighting Measures

#### Fire and Explosion:

- Flash Point : >170<sup>0</sup>C
- Flammable Limits (% In Air): Not Available
- Autoignition Temperature: Not Available

#### In Case of Fire

Use dry chemical, foam or CO<sub>2</sub> extinguishing media. Wear full protective clothing and self-contained breathing apparatus when fighting chemical fires. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes, or products of combustion. Prevent use of contaminated buildings, area, and equipment until decontaminated.

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### SECTION 6 Accidental release measures

#### General and disposal:

- Use proper protective equipment to minimize personal exposure. Take all necessary action to prevent and to remedy the effects of the spill. Ensure that the disposal is in compliance with regulations.
- Wear chemical goggles, rubber gloves, rubber boots, long-sleeved shirt, long pants, head covering and a NIOSH-approved chemical cartridge respirator with pesticide prefilter, or air supplied respirator.
- For small spills, avoid runoff to natural waters. Scrape or gather material and place in a suitable container for disposal. Wash the spill area with water containing a strong detergent, absorb with pet litter or other absorbent material, sweep up and place in a chemical container. Seal container and handle in an approved manner. Flush the spill area with water to remove any residue. Do not allow wash water to contaminate water supplies.

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### SECTION 7 Handling and storage

Handling: Avoid contact with eyes or clothing. Do not use near heat or open fire.

Users Should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove

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personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Storage: Store in a cool, dry and well ventilated place out of reach of children. Keep product in the original container tightly closed. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

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### SECTION 8 Exposure controls/Personal protection

Exposure Standards: NOHSC exposure standards have not been allocated for the active constituent or the excipients in the formulation.

Engineering Controls: Use in a well-ventilated area

Personal Protective Measures: Avoid contact with eyes, skin and clothing during mixing/pouring operations. Ensure adequate ventilation. Do not inhale spray mist or vapour.

Personal Protective Equipment: When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves.

Industrial Hygiene: If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product or spray on skin, immediately wash the area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash contaminated clothing, gloves etc. with detergent and water.

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### SECTION 9 Physical & Chemical properties

Appearance: White suspension

pH: 4-7

Suspensibility: 80%min

Wet Sieve Test (44µm): 99%min

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### SECTION 10 Stability & Reactivity

Stability: Relatively stable in acid media, but decomposed in alkaline media.

- $DT_{50}$  1-7 d (pH 7), < 1 h (pH 9).
- Aqueous solutions are degraded by UV light, but are relatively stable in simulated sunlight.

Chemical stability: Stable.

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: Bases

Hazardous Decomposition Products: Hydrogen chloride; Carbon dioxide; Carbon monoxide; Nitrogen Oxides; Cyanides; Other chlorine compounds.

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### SECTION 11 Toxicological Information

#### Acute Toxicity /Irritation Studies

Ingestion: Acute oral LD<sub>50</sub> >2000 mg/kg body weight (Rats & Mice)

Inhalation: Acute inhalation LC<sub>50</sub> >5.16 mg/ltr air (4hr) (Rats)

Dermal: Acute dermal LD<sub>50</sub> (Rats & Rabbits) >2000 mg/kg body weight

Eye Contact: Not Irritating (Rabbit)

Skin Contact: Not Irritating (Rabbit)

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### SECTION 12 Ecological Information

- Iprodione is slightly toxic to birds and bees and fish.

Birds: Acute oral LD<sub>50</sub> for mallard ducks >10400 mg/kg

Fish: LC<sub>50</sub> (96 h) for carp 4.0 mg/ltr

Bees: Contact LD<sub>50</sub> >0.4mg/bee

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### SECTION 13 Disposal Considerations

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Completely empty the bag into the application equipment. Then dispose of the empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of law. If pesticide wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency.

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### SECTION 14 Transport Information

UN Number: Not Regulated

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### SECTION 15 Regulatory Information

- Xn: Harmful
  - N: Dangerous for the environment
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#### **SECTION 16 Other Information**

The information contained in the Material Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as a warranty or as a specification. The information relates only to the product specified and may not be suitable for use with other materials or in processes other than those specifically described herein.

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