



# Safety Data Sheet

SDS No.:  
SDS-P/G-Y/01

Yasodion

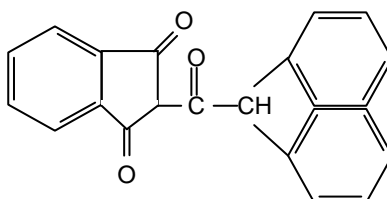
Revision: 0, 1<sup>st</sup> Issue

Page 1 of 5

## Section 1: Identification of the Hazardous Chemical and of the Supplier

### 1.1 Product Identifier

Product Name: Diphacinone 0.005% Granule  
Trade Name: Yasodion  
Active Ingredient: 2-Diphenylacetyl-1,3-indandione  
CAS No.(AI): 82-66-6  
Structural Formula:



Recommended Usage: Rodenticide

### 1.2 Supplier's Information

Address: Agricultural Chemicals (M) Sdn. Bhd.  
962, Lorong Perusahaan 8  
Taman Perindustrian Perai  
13600 Perai , Pulau Pinang  
Malaysia  
Tel.: +6-04-3907988  
Fax: +6-04-3905703  
Web: [www.agrichem.com.my](http://www.agrichem.com.my)  
Emergency Phone: +6-04-3907988

## Section 2: Hazard Identification

Classification: Not classified as hazardous under CLASS Regulations.  
Pictogram: None.  
Signal Word: None.  
Hazard Statement: None.  
Precautionary Statement: None.

## Section 3: Composition and Information of the Ingredients of the Hazardous Chemical

Component	CAS No.	Weight, %	Hazard Code
Diphacinone Technical	82-66-6	0.005	H300, H315, H319, H335
Preservative 1	-	<5	H301, H312, H330, H400, H410
Preservative 2	-	<5	H319



# Safety Data Sheet

SDS No.:  
SDS-P/G-Y/01

Yasodion

Revision: 0, 1<sup>st</sup> Issue

Page 2 of 5

## Section 4: First-aid Measures

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin Contact:	Remove all contaminated clothing. Wash with plenty of soap and water. Get medical advice/attention if you feel unwell.
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	Rinse mouth. Get medical advice/attention if you feel unwell.
Symptoms:	No data available.
Notes to Physician:	No data available.

## Section 5: Fire-fighting Measures

Suitable Extinguishing Media:	Carbon dioxide (CO <sub>2</sub> ), chemical foam.
Specific Hazard During Fire:	No data available.
Special Protective Equipment:	Fire fighters should wear full-faced self contained breathing apparatus and protective clothing.

## Section 6: Accidental Release Measures

Personal Precautions:	Wear protective gloves/protective clothing/eye protection/face protection.
Environmental Precautions:	Avoid release to the environment.
Method for Cleaning Up:	Evacuate non essential personnel. Ventilate area. Collect the spill into waste container for disposal. Wash the contaminated area with a little water and detergent. Absorb with inert material such as clay or earth. Collect into the same container for disposal.

## Section 7: Handling and Storage

Precautions for Safe Handling:	Wear protective gloves, protective clothing and face protection. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment.
Conditions for Safe Storage:	Store in a well-ventilated place. Keep container tightly closed.
Incompatibles:	Sodium or potassium hydroxide.

## Section 8: Exposure Control and Personal Protection

Exposure Limit:	No data available.
-----------------	--------------------



# Safety Data Sheet

SDS No.:  
SDS-P/G-Y/01

Yasodion

Revision: 0, 1<sup>st</sup> Issue

Page 3 of 5

Engineering Control: General ventilation or local exhaust ventilation.  
Individual Protection Measure: Wash hands thoroughly after handling. Avoid breathing dust. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area.  
Personal Protective Equipment:  
Eye Protection: Wear eye protection if needed.  
Skin Protection: Wear protective gloves and protective clothing.  
Respiratory Protection: Wear face protection, pesticide respiratory masks.

## Section 9: Physical and Chemical Properties

Appearance: Pellet  
Odour: Odourless  
Odour Threshold: No data available  
pH: No data available  
Melting/Freezing Point: 145 - 147°C (Diphacinone Technical)  
Initial Boiling Point: Not applicable  
Boiling Range: Not applicable  
Flash Point: Not applicable  
Evaporation Rate: Not applicable  
Auto-Flammability: Not applicable  
Upper Flammability Limit: Not applicable  
Lower Flammability Limit: Not applicable  
Vapour Pressure:  $2.1 \times 10^{-4}$  Pa at 25°C (Diphacinone Technical)  
Vapour Density: Not applicable  
Relative Density: No data available  
Solubility in Water: Insoluble in water  
Partition Coefficient  $P_{o/w}$ : No data available  
Auto-ignition Temperature: Not applicable, does not ignite readily  
Decomposition Temperature: No data available

## Section 10: Stability and Reactivity

Reactivity: Stable to acids. Form salts with bases such as sodium and potassium hydroxide.  
Chemical Stability: Stable under normal conditions.  
Hazardous Reaction: No data available.  
Condition to Avoid: Direct sunlight, heat and extreme temperature.  
Incompatible Material: Sodium or potassium hydroxide.  
Hazardous Decomposition Product: No data available.

## Section 11: Toxicological Information

### 11.1 Acute Toxicity

Oral LD <sub>50</sub> :			
Rat (Female)		>5000 mg/kg	



# Safety Data Sheet

SDS No.:  
SDS-P/G-Y/01

Yasodion

Revision: 0, 1<sup>st</sup> Issue

Page 4 of 5

Dermal LD <sub>50</sub> :			
	Rat (Male & Female)	>2000 mg/kg	

## 11.2 Chronic Effect from Short and Long Term Exposure

Skin Contact:	Not classified as irritant - No erythema and no edema were observed on the skin of the rabbits. Not classified as sensitizer - No erythema and no edema were observed on the skin of the guinea pigs.
Eye Contact:	Not classified as irritant.
Germ Cell Mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive Toxicity:	No data available.

## 11.3 Symptoms

No data available.

## Section 12: Ecological Information

### Ecotoxicity:

#### Component: Preservative 1

Toxicity to fish:			
	<i>Carassius auratus</i> (goldfish), LC <sub>50</sub> (96h)	2.8 mg/l	
	<i>Oncorhynchus mykiss</i> (rainbow trout), LC <sub>50</sub> (96h)	1 - 2 mg/l	
Toxicity to daphnia and other aquatic invertebrates:			
	<i>Daphnia magna</i> (water flea), EC <sub>50</sub> (48h)	0.01 mg/l	

Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
Other Adverse Effect:	No data available.

## Section 13: Disposal Information

Dispose of contents/container to Kualiti Alam or in accordance to local regulation.

## Section 14: Transportation Information

Land (ADR/RID)		
Proper Shipping Name	Pesticide, Solid, Toxic, N.O.S.	
Hazard Class	6.1	
Hazchem Code	-	
UN number	2588	
Packing Group	III	



# Safety Data Sheet

SDS No.:  
SDS-P/G-Y/01

Yasodion

Revision: 0, 1<sup>st</sup> Issue

Page 5 of 5

Label / Mark	6
Sea (IMDG)	
Proper Shipping Name	Pesticide, Solid, Toxic, N.O.S.
Hazard Class	6.1
UN Number	2588
Packing Group	III
Marine Pollutant	-
Label	6
Transport Document Name	-
Air (IATA)	
Proper Shipping Name	Pesticide, Solid, Toxic, N.O.S.
Hazard Class	6.1
UN number	2588
Packing Group	III
Label / Mark	6
Transport Document Name	-

## Section 15: Regulatory Information

Classification: Not classified as hazardous under CLASS Regulations.  
Pictogram: None.  
Signal Word: None.  
Pesticides Act: Class IV  
Classification: -

## Section 16: Other Information

Date of Preparation: 4 December 2015  
Date of Revision: -  
Reference Document: ICOP on Chemicals Classification and Hazard Communication 2014  
GHS Purple Book

Disclaimer: To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.