



Safety Data Sheet

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

Yasodion

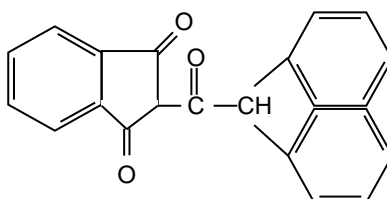
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Section 1: Identification of the Hazardous Chemical and of the Supplier

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
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, H310, H330, H371, H372, H400, H410
Preservative 1	-	<5	H302, H311, H370, H372, H400, H410
Preservative 2	-	<5	H319



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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 ₂), 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.



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Section 8: Exposure Control and Personal Protection

Exposure Limit:	No data available.
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:	146 - 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:	1.03E-010 mm Hg 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.



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Section 11: Toxicological Information

11.1 Acute Toxicity

Oral LD₅₀:

Rat (Female) >5000 mg/kg

Dermal LD₅₀:

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.

Germ Cell Mutagenicity: No data available.

Reproductive Toxicity: No data available.

11.3 Symptoms No data available.

Section 12: Ecological Information

If the data of this product are not available, the data of ingredients is displayed.

Ecotoxicity:

Component: Preservative 1

Toxicity to fish:

Carassius auratus (goldfish), LC₅₀ (96h) 2.8 mg/l

Oncorhynchus mykiss (rainbow trout), LC₅₀ (96h) 1 - 2 mg/l

Toxicity to daphnia and other aquatic invertebrates:

Daphnia magna (water flea), EC₅₀ (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 content/containers appropriately in accordance with local/regional/national/International regulations.

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Section 14: Transportation Information

According to Transport Classification under UN Recommendations on the Transport of Dangerous Goods Model Regulations (TDG), this product falls under "Not Dangerous Goods".

Section 15: Regulatory Information

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013

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

Pesticides Act 1974

Pesticides Act: Class IV

Section 16: Other Information

Date of Preparation: 4 December 2015
Date of Revision: 9 July 2020
Reference Document: ICOP on Chemicals Classification and Hazard Communication 2014
ICOP on Chemicals Classification and Hazard Communication
(Amendment) 2019, Part 1