



Safety Data Sheet

SDS No.:
SDS-IM/FG-B/01

Basmin 311 WP

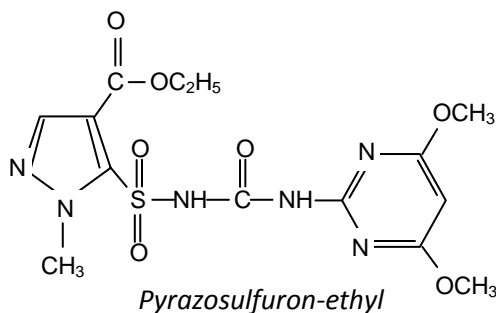
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Section 1: Identification of the Hazardous Chemical and of the Supplier

1.1 Product Identifier

Product Name: Pyrazosulfuron-ethyl 10% WP
Trade Name: Basmin 311 WP
Active Ingredient: Ethyl 5-(4,6-dimethoxypyrimidin-2-ylcarbamoysulfamoyl)-1-methyl pyrazole-4-carboxylate
CAS No.(AI): 93697-74-6
Structural Formula:



Product Category: Herbicides

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 2013
Pictogram: Not applicable
Signal Word: Not applicable
Hazard Statement: Not applicable
Precautionary Statement: Not applicable

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

Component	CAS No.	Weight, %	Hazard Code
Pyrazosulfuron-ethyl	93697-74-6	10%	-
Mineral powder and surfactants	-	Balance	-



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Section 4: First-aid Measures

Inhalation:	If respiratory discomfort occurs, move the person to fresh air. If not breathing, give mouth-to-mouth resuscitation (or an artificial respiration). Keep warm with blanket and keep at rest. Seek emergency medical advice.
Skin Contact:	Remove all contaminated clothing, shoes and socks from the affected area. Immediately rinse with running water. Wash skin thoroughly with soap and water. If irritation persists, seek medical advice.
Eye Contact:	Immediately rinse with running water for at least 15 minutes. Seek medical advice.
Ingestion:	Rinse mouth with water. Give one or two glasses of water and induce vomiting by touching the back of the throat with a finger. Seek medical advice immediately. Do not give anything by mouth or induce vomiting to an unconscious person.
Symptoms:	No data available
Notes to Physician:	Treatment is symptomatic.

Section 5: Fire-fighting Measures

Suitable Extinguishing Media:	Water, foam, dry chemicals or CO ₂ .
Specific Hazard during Fire:	Normal combustion forms carbon dioxide, water vapour and may produce toxic gaseous (carbon monoxide, SO _x or NO _x).
Special Protective Equipment:	Use self-contained breathing apparatus and protective clothing. Move away this product from fire if there is no risk. Use water spray or fog nozzle to keep containers or surrounding area cool. Fight fire from upwind position.
Other Information:	Keep away from heat and open flame.

Section 6: Accidental Release Measures

Personal Precautions:	Wear suitable protective clothing, shoes, gloves and goggles.
Environmental Precautions:	Prevent spillage from entering the drainage systems or watercourses.
Method for Cleaning Up:	Keep unauthorized persons, children and animals away from the affected area. Prevent further waste by closing the container properly, shifting its position to stop leakage or placing into another container. Carefully sweep up and collect the spilled material by absorbent such as sand or vermiculite and place in a closed container (drum) for disposal. Do not raise dust. Wash affected area with water containing a strong industrial type detergent.



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Section 7: Handling and Storage

Precautions for Safe Handling: Wear suitable protective clothing, shoes and goggle. Do not eat, drink or smoke during the work. Do not breathe dust. Avoid contact with skin or eyes. Protect containers against physical damage. Keep away from heat and open flame. Do not reuse this container for any other purpose. Keep away from possible contact with water.

Conditions for Safe Storage: Store in a cool place and protect from direct sunlight. Keep tightly closed in original labeled container.

Incompatibles: No data available.

Section 8: Exposure Control and Personal Protection

Exposure Limit: Not established.

Engineering Control: No data available.

Personal Protective Equipment:

- Eye Protection:** Safety goggles.
- Skin Protection:** Suitable protective clothing and rubber gloves.
- Respiratory Protection:** Dust respirator.

Section 9: Physical and Chemical Properties

Appearance: Off-white powder

Odour: Faint aromatic

Odour Threshold: No data available

pH: 7.3 (10% suspension)

Melting/Freezing Point: No data available

Initial Boiling Point: No data available

Boiling Range: No data available

Flash Point: No data available

Evaporation Rate: No data available

Flammability: Not inflammable

Upper Flammability Limit: No data available

Lower Flammability Limit: No data available

Vapour Pressure: No data available

Vapour Density: No data available

Relative Density: 0.4 ± 1 (bulk density)

Solubility in Water: Dispersible

Partition Coefficient P_{o/w}: 3.16 (technical)

Auto-ignition Temperature: No data available

Decomposition Temperature: No data available

Viscosity: No data available



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Section 10: Stability and Reactivity

Reactivity:	No data available
Chemical Stability:	Unstable at extreme pH, temperatures and upon exposure to UV light. Stable under normal storage conditions.
Hazardous Reaction:	No data available
Condition to Avoid:	No data available
Incompatible Material:	May react with strong oxidizing agents, such as chlorates, nitrates, peroxides etc.
Hazardous Decomposition Product:	Will not occur.

Section 11: Toxicological Information

11.1 Acute Toxicity

Ingestion, Oral LD ₅₀ :		
	Rat (male, female)	>5000 mg/kg
Skin Contact, Dermal LD ₅₀ :		
	Rat	>2000 mg/kg
Inhalation, LC ₅₀ :		
	Rat (male, female)	>4.79 mg/L air (no mortality)
Component: Pyrazosulfuron-ethyl Technical		
Ingestion, Oral LD ₅₀ :		
	Rat (male, female)	>5000 mg/kg
Skin Contact, Dermal LD ₅₀ :		
	Rat (male, female)	>2000 mg/kg
Inhalation, LC ₅₀ :		
	Rat	>3.9 mg/l

11.2 Chronic Effect from Short and Long Term Exposure

Skin Irritation:	None
Eye Irritation:	Slight irritation to eyes
Sensitization (Maximization test):	No sensitization
Component: Pyrazosulfuron-ethyl Technical	
Skin and Eye Irritation:	Non-irritant
Skin Sensitization:	None

Carcinogenicity:	No carcinogen.
Teratogenicity:	No teratogen.
Germ Cell Mutagenicity:	No mutagen.
Reproductive Toxicity:	No reproductive effect.

11.3 Symptoms No data available.



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Section 12: Ecological Information

Ecotoxicity:

Rainbow trout, LC ₅₀ (48h):	>100 mg/l
Daphnia pulex, LC ₅₀ (3h):	>100 mg/l
Component: Pyrazosulfuron-ethyl Technical	
Fish (Blugill sunfish), LC ₅₀ (96h):	>180 mg/l
Daphnia magna, LC ₅₀ (48h):	700 mg/l
Bird (Bobwhite quail), LD ₅₀ :	>2250 mg/kg
Bee, LD ₅₀ (Contact):	>100 µg/bee

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Section 13: Disposal Information

Active ingredient of Basmin 311 WP, pyrazosulfuron-ethyl, shows high biological efficacy against broad-leaved and grass weeds. It may show effects on non-target plants. Therefore do not contaminate waterways by cleaning of equipment or disposal of wastes. Untreated effluent should not be discharged where it will drain into lakes, streams or ponds.

Wastes resulting from manufacture and formulation that cannot be used or chemically reprocessed should be disposed of by incinerator equipped with scrubber in accordance with all applicable regulations.

Section 14: Transportation Information

Land (ADR/RID)

Proper Shipping Name	Environmentally Hazardous Substance, Solid, N.O.S.
Hazard Class	9
Hazchem Code	-
UN number	3077
Packing Group	III
Label / Mark	9

Sea (IMDG)

Proper Shipping Name	Environmentally Hazardous Substance, Solid, N.O.S.
Hazard Class	9
UN Number	3077
Packing Group	III



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Marine Pollutant	-
Label	9
Transport Document Name	-
Air (IATA)	
Proper Shipping Name	Environmentally Hazardous Substance, Solid, N.O.S.
Hazard Class	9
UN number	3077
Packing Group	III
Label / Mark	9
Transport Document Name	-

Those directly responsible for transport must know what their loads contain, and what action must be taken in the event of emergency. Special care must be taken during loading and unloading to prevent damage to containers. This product must not be loaded with food or feed. Follow all applicable regulations.

Section 15: Regulatory Information

Classification: Classified as non hazardous under CLASS Regulations 2013
Signal Word: Not applicable
Pictogram: Not applicable

Pesticides Act: Class IV
Classification: -

Section 16: Other Information

Date of Preparation: 9 March 2016
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.