



Safety Data Sheet

SDS No.:
SDS-IM/FG-N/02

Nominee 100 SC

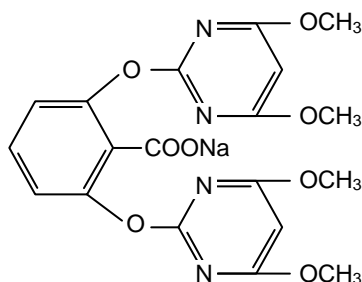
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Section 1: Identification of the Hazardous Chemical and of the Supplier

1.1 Product Identifier

Product Name: Bispyribac-Sodium 9.7 % SC
Trade Name: Nominee 100 SC
Active Ingredient: Sodium 2,6-bis[(4,6-dimethoxypyrimidin-2-yl)oxy] benzoate
CAS No.(AI): 125401-92-5
Structural Formula:



Bispyribac-Sodium

Recommended Usage: Herbicide for agricultural use

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: Hazardous to the Aquatic Environment-Chronic, category 3

Pictogram:



Signal Word: None



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Hazard Statement:

H412

Harmful to aquatic life with long lasting effects

Precautionary Statement:

P273

Avoid release to the environment.

P501

Dispose of contents/container to in accordance with local regulation

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

Component	CAS No.	Weight, %	Hazard Code
Bispyribac-Sodium	125401-92-5	9.8	H412
Inert Ingredients	-	90.2	

Section 4: First-aid Measures

Call a POISON CENTER or doctor/physician if you feel unwell.

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact:	Remove/Take off all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion:	Call a POISON CENTER or doctor/physician. Rinse mouth.
Symptoms:	No data available.
Notes to Physician:	No data available.

Section 5: Fire-fighting Measures

Suitable Extinguishing Media:	Water spray, foam, dry chemical powder, carbon dioxide (CO ₂), or dry sand.
Specific Hazard During Fire:	No data available.
Special Protective Equipment:	Fire fighters should wear full-faced self-contained breathing apparatus and protective clothing. Fire fighters should avoid downwind operation.

Section 6: Accidental Release Measures

Personal Precautions:	Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
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Environmental Precautions: Avoid release to the environment.
Method for Cleaning Up: Evacuate non essential personnel by roping an area of leak or spill. Wear appropriate protective gears to avoid breathing vapour and contact with skin, eyes or clothing when working on a spill. Ventilate the closed area. Adsorb spills with inert materials (e.g. dry sand or earth), then place in a waste chemical container for disposal. Prevent spills from entering sewers, watercourses or low areas. Remove all sources of ignition; flares, smoking or flames in the area immediately. Stop leak if safe to do so.

Section 7: Handling and Storage

Precautions for Safe Handling: Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
Conditions for Safe Storage: Keep container tightly closed.
Incompatibles: No data available.

Section 8: Exposure Control and Personal Protection

Exposure Limit: Not established
Engineering Control: Make available emergency shower and eye washes in a work area and storage area. Make available local exhaust ventilation and use sealed equipment to avoid exposure.
Individual Protection Measure: Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required
Personal Protective Equipment:
Eye Protection: Safety goggles
Skin Protection: Gloves, protective clothing (coverall) and boots
Respiratory Protection: Chemical cartridge respirator with an organic vapour cartridge, airline respirator, positive pressure self-contained breathing apparatus

Section 9: Physical and Chemical Properties

Appearance: Off-white viscous liquid
Odour: Almost odourless
Odour Threshold: No data available
pH: No data available
Melting/Freezing Point: Not applicable
Initial Boiling Point: No data available
Boiling Range: No data available
Flash Point: Not applicable



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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:	1.07 (representative data)
Solubility in Water:	No data available
Partition Coefficient P _{o/w} :	-1.03 (23°C, pH 6.18) as bispyribac-sodium
Auto-ignition Temperature:	Not inflammable
Decomposition Temperature:	No data available
Viscosity:	607 mPa.s (representative data)

Section 10: Stability and Reactivity

Reactivity:	No data available.
Chemical Stability:	Stable under normal conditions.
Hazardous Reaction:	No data available.
Condition to Avoid:	No data available.
Incompatible Material:	No data available.
Hazardous Decomposition Product:	No data available.

Section 11: Toxicological Information

11.1 Acute Toxicity

Oral, LD ₅₀ :		
	Rat	>5000 mg/kg
Dermal, LD ₅₀ :		
	Rat	>2000 mg/kg
Inhalation, LC ₅₀ :		
	Rat	>3.99 mg/l (mist)
*Classification for the acute inhalation toxicity is not possible because the result is conclusive but not sufficient for classification.		

11.2 Chronic Effect from Short and Long Term Exposure

Skin Contact:	Not classified as skin corrosion/irritation. The mixture is slightly irritating to skin in a rabbit study, however, average score is lower than 1. Not classified as skin sensitization. Negative result was reported in guinea pig study with Buehler method.
Eye Contact:	Not classified as serious eye damage/eye irritation. The substance was not irritating to eyes in a rabbit study.



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Inhalation:	No data available.
Ingestion:	No data available.
Carcinogenicity:	No data available.
Mutagenicity:	No data available.
Teratogenicity:	No data available.
Specific Target Organ Toxicity- Single Exposure:	Slight effects were reported in rats and mice acute oral studies with bispyribac-sodium, but not sufficient for classification.

11.3 Symptoms No data available.

Section 12: Ecological Information

Ecotoxicity:

Fish, LC ₅₀ :	
Carp (96h)	>100 mg/l
<i>Daphnia magna</i> , LC ₅₀ (48h):	>100 mg/l
Algae, ErC ₅₀ (72h):	24.2 mg/l
Honeybee, acute oral LD ₅₀ (48h):	>200 µg/bee
Earthworm, LC ₅₀ (14d):	>1000 mg/kg
Bird (bobwhite quail), acute oral LD ₅₀ :	>2000 mg/kg
Bird (mallard duck), acute oral LD ₅₀ :	>2000 mg/kg

Persistence and Degradability: Not readily biodegradable as bispyribac-sodium

Bioaccumulative Potential:

 log Pow: -1.03 (23°C, pH 6.18) as bispyribac-sodium

Mobility in Soil:

 Adsorption/desorption: Koc 191-261 as bispyribac-sodium

Other Adverse Effect: Very toxic to terrestrial plants

Section 13: Disposal Information

Dispose of contents/container to Kualiti Alam / authorized body by DOE or in accordance with local regulation.

Section 14: Transportation Information

Land (ADR/RID)	
Proper Shipping Name	Pesticide, Liquid, Toxic, N.O.S.
Hazard Class	6.1
Hazchem Code	-
UN number	2902
Packing Group	III



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Label / Mark	6
Sea (IMDG)	
Proper Shipping Name	Pesticide, Liquid, Toxic, N.O.S.
Hazard Class	6.1
UN Number	2902
Packing Group	III
Marine Pollutant	-
Label	6
Transport Document Name	-
Air (IATA)	
Proper Shipping Name	Pesticide, Liquid, Toxic, N.O.S.
Hazard Class	6.1
UN number	2902
Packing Group	III
Label / Mark	6
Transport Document Name	-

Section 15: Regulatory Information

Classification: Hazardous to the Aquatic Environment-Chronic, category 3

Signal Word: None

Pictogram:



Pesticides Act: Class IV

Classification: -

Section 16: Other Information

Date of Preparation: 17 February 2016

Date of Revision: 17 November 2016

Reference Document: ICOP on Chemicals Classification and Hazard Communication 2014
GHS Purple Book
MSDS

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.