



Safety Data Sheet

SDS No.:
SDS-P/L-B/03

Bicomine

Revision: 0, 1st Issue

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

1.1 Product Identifier

Product Name: Bicomine
Trade Name: Bicomine
Active Ingredient: (1) 5-nitroguaiacol sodium salt
(2) p-nitrophenol sodium salt
(3) o-nitrophenol sodium salt
CAS No.(AI): -
Structural Formula: -
Recommended Usage: Plant growth regulator

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: Skin Irritation, category 2
Eye Irritation, category 2

Pictogram:



Signal Word: Warning

Hazard Statement:
H315 Causes skin irritation
H319 Causes serious eye irritation

Precautionary Statement:
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P362 Take off contaminated clothing and wash before reuse.



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P302 + P352

IF ON SKIN: Wash with plenty of soap and water.

P332 + P313

If skin irritation occurs: Get medical advice/attention.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313

If eye irritation persists: Get medical advice/attention.

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

Component	CAS No.	Weight, %	Hazard Code
(1) 5-nitroguaiacol sodium salt (2) p-nitrophenol sodium salt (3) o-nitrophenol sodium salt	-	1.4	-
Adjuvant	-	<15	H315, H319
Water	-	Balance	-

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:	IF ON SKIN: Wash with plenty of soap and water. Remove all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
Eye Contact:	IF IN EYES: 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:	Water, carbon dioxide (CO ₂), chemical foam, dry chemical and sand.
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
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Environmental Precautions: protection.
Avoid release to the environment.

Method for Cleaning Up: Evacuate non essential personnel. Ventilate area. Absorb spills with inert material such as clay, sand, earth, sawdust etc. and collect in a drum. Cover up the contaminated area with household detergent and a small amount of water. Brush the slurry and spread inert absorbents on the slurry liquid and collect the absorbed material in a drum. Seal drum and dispose of. Do not contaminate water resources.

Section 7: Handling and Storage

Precautions for Safe Handling: Wear protective gloves, safety goggles and protective clothing.
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: Potassium phosphate dibasic anhydrous and acids.

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. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area.

Personal Protective Equipment:

- Eye Protection: Wear eye protection.
- Skin Protection: Wear protective gloves and protective clothing.
- Respiratory Protection: Wear face protection.

Section 9: Physical and Chemical Properties

Appearance: Reddish fluxional liquid

Odour: Characteristic odour

Odour Threshold: No data available

pH: 9.6 (without dilution)

Melting/Freezing Point: No data available

Initial Boiling Point: Not applicable

Boiling Range: Not applicable

Flash Point: No data available

Evaporation Rate: No data available

Auto-Flammability: No data available

Upper Flammability Limit: No data available

Lower Flammability Limit: No data available



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Vapour Pressure:	No data available
Vapour Density:	No data available
Relative Density:	1.00 (Specific Gravity)
Solubility in Water:	Soluble in water
Partition Coefficient P _{o/w} :	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available

Section 10: Stability and Reactivity

Reactivity:	Stable under recommended storage conditions.
Chemical Stability:	Stable under normal conditions.
Hazardous Reaction:	Reactivated with potassium phosphate dibasic anhydrous, decomposition products is unsoluble phenolic compound.
Condition to Avoid:	Direct sunlight, heat and extreme temperature.
Incompatible Material:	Potassium phosphate dibasic anhydrous and acids.
Hazardous Decomposition Product:	Reactivated with potassium phosphate dibasic anhydrous, wash away if in contact.

Section 11: Toxicological Information

11.1 Acute Toxicity No data available.

11.2 Chronic Effect from Short and Long Term Exposure

Skin Contact:	Causes skin irritation.
Eye Contact:	Causes serious eye irritation.
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:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
Other Adverse Effect:	No data available.



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Section 13: Disposal Information

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

Section 14: Transportation Information

Land (ADR/RID)	Not regulated
Sea (IMDG)	Not regulated
Air (IATA)	Not regulated

Section 15: Regulatory Information

Classification: Skin Irritation, category 2
Eye Irritation, category 2

Signal Word: Warning

Pictogram:



Pesticides Act: -
Classification: -

Section 16: Other Information

Date of Preparation: 17 December 2015
Date of Revision: -
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.