



# Safety Data Sheet

SDS No.:  
SDS-P/EC-B/01

Bassa 50 EC

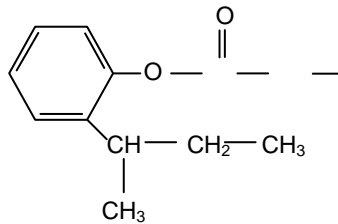
Revision: 0, 1<sup>st</sup> Issue

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

### 1.1 Product Identifier

Product Name: Bassa 50% EC  
Trade Name: Bassa 50 EC  
Active Ingredient: 2-Sec-Butylphenyl-N-methylcarbamate (BPMC)  
CAS No.(AI): 3766-81-2  
Structural Formula:



*Butylphenyl-N-methylcarbamate (BPMC)*

Recommended Usage: Insecticide

### 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: Flammable liquids, category 3  
Acute Toxicity (Oral), category 4  
Skin Irritation, category 2  
Eye Irritation, category 2  
Specific Target Organ Toxicity-Single Exposure, category 3  
Aspiration Hazard, category 1  
Hazardous to the Aquatic Environment-Acute Hazard, category 1  
Hazardous to the Aquatic Environment-Chronic Hazard, category 1

Pictogram:





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Signal Word: Danger

Hazard Statement:

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Precautionary Statement:

P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P261	Avoid breathing gas/ vapours.
P270	Do not eat, drink, or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P312	Call a POISON CENTER or doctor/physician if you fell unwell.

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

Component	CAS No.	Weight, %	Hazard Code
Bassa Technical	3766-81-2	50	H302, H400, H410
Surfactant 1	-	<10	H226
Surfactant 2	-	< 5	H315, H318, H319
Solvent	-	Balance	H226, H304, H312, H315, H319, H332, H335

## Section 4: First-aid Measures

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

Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact:	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. 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.



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Ingestion: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting.

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, dry chemical.

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 clothing as indicated in Section 8. Evacuate non essential personnel.

Environmental Precautions: Prevent the spillage from entering local drainage system.

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 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/protective clothing/eye protection/face protection. Wash skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Avoid breathing gas or vapours. 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 cool. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Store locked up.

Incompatibles: Decomposed in alkali and strong acid.



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## Section 8: Exposure Control and Personal Protection

Exposure Limit:

Source	Component	CAS No.	Limit	
-	2-Sec-Butylphenyl-N-methylcarbamate	3766-81-2	TLV	5 mg/m <sup>3</sup>
ACGIH	Solvent	-	TWA	100ppm (434mg/m <sup>3</sup> )
			STEL	150ppm (651mg/m <sup>3</sup> )

Engineering Control:

Local exhaust ventilation.

Individual Protection Measure:

Wash hands thoroughly after handling. Avoid breathing mist or vapours. Use personal protective equipment as required.

Personal Protective Equipment:

Eye Protection:

Wear eye protection, goggles.

Skin Protection:

Wear protective gloves and clothing.

Respiratory Protection:

Wear pesticide respiratory masks.

## Section 9: Physical and Chemical Properties

Appearance:

Slight yellowish liquid

Odour:

Characteristic odour

Odour Threshold:

No data available.

pH:

3 - 8

Melting/Freezing Point (Technical):

28 - 32°C

Initial Boiling Point:

No data available.

Boiling Range (Technical):

115 - 116°C / 0.02 mmHg

Flash Point:

33°C

Evaporation Rate:

No data available.

Flammability:

Flammable liquid and vapour

Upper Flammability Limit:

No data available.

Lower Flammability Limit:

No data available.

Vapour Pressure (Technical):

7.4 x 10<sup>-5</sup> mmHg (9.86 x 10<sup>-3</sup> Pa) (20°C)

Vapour Density:

No data available.

Relative Density:

No data available.

Solubility in Water:

Miscible in water

Partition Coefficient P<sub>o/w</sub>:

No data available.

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:	Stable under normal conditions.
Hazardous Reaction:	No data available.
Condition to Avoid:	Direct sunlight, heat and extreme temperature.
Incompatible Material:	Decomposed in alkali and strong acid.
Hazardous Decomposition Product:	No data available.

## Section 11: Toxicological Information

### 11.1 Acute Toxicity

Component: Bassa Technical

Ingestion, Oral LD <sub>50</sub> :	425 mg/kg
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### 11.2 Chronic Effect from Short and Long Term Exposure

Skin Contact:	Causes skin irritation.
Eye Contact:	Causes serious eye irritation.
Inhalation:	May cause respiratory irritation
Ingestion:	May be fatal if swallowed and enterairways.
Carcinogenicity:	No data available.
Reproductive Toxicity:	No data available.

### 11.3 Symptoms

No data available.

## Section 12: Ecological Information

Ecotoxicity:

Component: Bassa Technical

Crustacean, EC <sub>50</sub>	0.0103 mg/l
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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.



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## Section 14: Transportation Information

### Land (ADR/RID)

Proper Shipping Name	Pesticide, Liquid, Toxic, Flammable, N.O.S. flashpoint not less than 23°C
Hazard Class	6.1
Hazchem Code	-
UN number	2903
Packing Group	III
Label/Mark	6(3)

### Sea (IMDG)

Proper Shipping Name	Pesticide, Liquid, Toxic, Flammable, N.O.S. flashpoint not less than 23°C
Hazard Class	6.1
UN Number	2903
Packing Group	III
Marine Pollutant	-
Label	6(3)
Transport Document Name	-


### Air (IATA)

Proper Shipping Name	Pesticide, Liquid, Toxic, Flammable, N.O.S. flashpoint not less than 23°C
Hazard Class	6.1
UN number	2903
Packing Group	III
Label/Mark	6(3)
Transport Document Name	-

## Section 15: Regulatory Information

Classification: Flammable liquids, category 3  
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Signal Word: Danger

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Pictogram:



Pesticides Act:  
 Classification:

Class II  
 Poisonous

Section 16: Other Information
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Date of Preparation: Date of Revision: Reference Document:	18 December 2015 - ICOP on Chemicals Classification and Hazard Communication 2014 GHS Purple Book MSDS
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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.