

Application form of Requirements for Agro-pesticide Registration (Microbial pesticides)

Applicant	(Stamp)		Address	
Person in charge	(Stamp)			
Tel. No.		Fax.		E-mail
Common name			Target pests	
Application category	<input type="checkbox"/> A. New active ingredients <input type="checkbox"/> B. New formulation or content (includes mixture) <input type="checkbox"/> C. New range of use <input type="checkbox"/> D. Have been registered for 8 years (<input type="checkbox"/> New source technical material) <input type="checkbox"/> S. Other (_____) Please fill or check the box to select the item			
Has applied for or registered for:				
Product	Intended use		License No.	

1. Product Informaton :

1.1 Identity

1.1.1 Formulation and concentration: _____

1.1.2 Brand name (product code): Chinese name: _____ English name: _____

1.2 Active ingredients: (If more than one, please use additional fields)

1.2.1 Common Name: (Chinese) _____
(English) _____1.2.2 Chemical name: (IUPAC) _____
(CA) _____

1.2.2 Microbial
Identification
(including
methods of
identification) :

1.2.3 Biological
Characteristics :

1.2.4 Ingredients
Description
(including
analysis
methods)

1.2.5 Brief
Description of
Product
Process Flow :

2. The composition and physical-chemical properties of the technical grade agro-pesticide (If more than one, please use additional fields)

2.1 Nominal content (or certified limited) : _____

※The value should be based on the five batch analysis data

2.2 Manufacturer:

2.2.1 Name _____

2.2.2 Address _____

2.2.3 Country _____

2.2.4 Source of authority _____

2.3 Registration Company _____

2.4 License No. _____

2.5 Composition

2.5.1 Data information

Report title: _____

Report No. _____

Report date : _____

Test facility: _____

GLP registered Yes, Registered No.,

org.: _____ Country, Expiration date _____

No

2.5.2 The composition of technical material (TC):

No.	Name or	Chemical	CAS No	Content (%)	Remarks
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	code	name	Upper limit	Lower limit	Mean \pm SD
Active ingredients:	1				
	2				
Other ingredients : (impurity)	1				
	2				

2.5.3 The composition of technical concentrate (TK):

	No.	Name or code	Chemical name	CAS No	Content (%)	Remarks
Active ingredients:	1					
Other ingredients	1					

2.6 The physical-chemical properties of technical material(TC)

Test item	Result	Test material (purity / batch No.)	Condition and Method	Test facility (GLP registered status)and report No.
2.6.1 Physical state				
2.6.2 Color				
2.6.3 Odor				
2.6.4 pH values				
2.6.5 Melting point				
2.6.6 Boiling point				
2.6.7 Density, Specific gravity, Bulk density				
2.6.8 Vapor pressure				
2.6.9 Solubility				
2.6.9.1 Water				
2.6.9.2 Solvent				

2.6.10 Viscosity

2.6.11 Stability

2.6.11.1 Heat

2.6.11.2 Metal

2.6.11.3 Light

2.6.12 Miscibility

2.6.13 Flammability

2.6.13.1

Flash point

2.6.13.2

Flammable

2.6.13.3

Autoignition temperature

2.6.14 Explodability

2.6.15

Corrosive characteristics

2.6.16

Storage stability

2.6.17

Partition coefficient

2.6.18

Dissociation constant

2.7 The physical-chemical properties of technical concentrate(TK)

Test item	Result	Test substance (purity / batch No.)	Test Methods And conditions	Test facility (GLP registered status)and report No.
2.7.1 Physical state				
2.7.2 Color				
2.7.3 Odor				
2.7.4 pH				
2.7.5 Density, Specific gravity, Bulk density				

2.7.6 Viscosity

2.7.7 Flammability

2.7.7.1 Flash point

2.7.7.2 Flammable

2.7.7.3 Autoignition
temperature

2.7.8 Explodability

2.7.9 Corrosive

characteristics

2.7.10 Storage stability

3. Formulated agro-pesticide composition and Physico-chemical Property

3.1 Active Ingredient content

3.2 Manufacturing

3.2.1 Name

3.2.2 Address

3.2.3 Country

3.2.4 Sources of authority

3.3 Registration Company

3.4 License Number

3.5 Composition :

	No.	Name or code	Chemical Name	CAS No	Content (%)	Agents Function
Active ingredients	1					
Other ingredients	1					
	2					

3.6 Formulated agro-pesticide for Physico-chemical Property

Test Item	Results	Substance to be Tested (Purity/Batch No.)	Testing methods and condition	Test Unit (GLP login status) and report number
3.6.1 Physical state				
3.6.2 Color				
3.6.3 Odor				
3.6.4 pH				

3.6.5 Density, Specific
gravity, Bulk
density

3.6.6 Viscosity

3.6.7 Miscibility

3.6.8 Flammability

3.6.8.1

Flash point

3.6.8.2

Flammable

3.6.8.3

Autoignition
temperature

3.6.9 Explodability

3.6.10 Corrosive
characteristics

3.6.11

Storage stability

4、Quality control

4.1 **Composition** analysis

	Batch NO.	Results	standard certified limits	Analysis method and condition
4.1.1				
Technical grade agro-pesticide				
4.1.1.1				
Active ingredients				
4.1.1.2				
hazardous impurities				
4.1.1.3				
Other ingredients				
4.1.2				

Formulated agro-pesticide

4.1.2.1

Active ingredients _____

4.1.2.2

Other hazardous impurities _____

4.2 specifications of the
formulated agro-pesticide
formulation.

Specifications Item	Batch NO.	Results	standard certified limits	Analysis method and condition
Emulsion stability			_____	
Suspensibility			_____	
Spontaneity of dispersion			_____	
Foaming			_____	
wettability			_____	
Degree of fineness			_____	
Particle size			_____	
Solubility			_____	
Other(fill in name)			_____	

5、Toxicology study

5.1 Acute toxicity/ pathogenicity test

5.1.1 Oral (acute toxicity/ pathogenicity)

rat (female/male) ___ yes ___ no pathogenicity (T.C.) ; LD₅₀mg/Kg (Formulated
agro-pesticide)mice (female/male) ___ yes ___ no pathogenicity (T.C.) ; LD₅₀mg/Kg (Formulated
agro-pesticide)

5.1.2 Dermal (acute toxicity)

rabbit LD₅₀ _____ mg/Kg (T.C.) ; LD₅₀ _____mg/Kg (Formulated
agro-pesticide)Other () LD₅₀ _____ mg/Kg (T.C.) ; LD₅₀ _____mg/Kg (Formulated
agro-pesticide)

5.1.3 Pulmonary (acute toxicity/ pathogenicity)

rat (female/male) ___ yes ___ no pathogenicity (T.C.)

mice (female/male) ___ yes ___ no pathogenicity (T.C.)

5.1.4 I.V., I.P. injection (acute toxicity/ pathogenicity)

rat	(female/male)	_____	yes	_____	no	pathogenicity (T.C.)
mice	(female/male)	_____	yes	_____	no	pathogenicity (T.C.)

5.1.5 Eye irritation

T.C. :

Formulated

agro-pesticide :

5.1.6 Skin irritation

T.C. :

Formulated

agro-pesticide :

5.1.7 Skin Sensitization

T.C. :

Formulated

agro-pesticide :

5.1.8 Cell culture

T.C. : _____yes _____no pathogenicity

5.2 Avian and aquatic toxicity tests (acute toxicity/ pathogenicity)

5.2.1 fresh water fish (_____) or other organism(_____) :

_____ yes _____ no pathogenicity(T.C.) LC₅₀ (_____ hr) _____ cfu/L or IB/L (Formulated agro-pesticide)

5.2.2 invertebrate aquatic organism (_____) :

_____ yes _____ no pathogenicity(T.C.) LC₅₀ (_____ hr) _____ cfu/L or IB/L (Formulated agro-pesticide)

5.2.3 avian (T.C.) :

species (5 day) ; _____ yes _____ no Pathogenicity,dose : _____

6. Data of acute contact toxicity of formulated pesticide against honeybees: LD₅₀ (Not necessary for the native biological pesticides, but the foreign biological pesticide should submit the pathogenicity data of registered biological pesticide to bees)

Acute toxicity or side effect to other beneficial insects

7. Efficacy trials and crop safety (phytotoxicity) trials Brief summary of conducted year, nations or locations, dosages of test product used and replicates per treatment in trials

Crop Common name and scientific name of crop

Targets controlled Common name and scientific name of plant insect/disease/weed.

8. Field of Use and Notes Dilution rate:
 Product kg or Liter per hectare:
 Application stage:
 Application interval:
 Application number:
 Notes on application: