BAYER

Maxforce®
QUANTUM 0,03 RB

INSEKTISIDA

Insektisida racun perut yang berbentuk gel berwarna bening yang digunakan untuk mengendalikan semut *Monomorium pharaonis* dengan cara pengumpanan

Nomor pendaftaran : RI. 00090120103641
Bahan aktif : Imidakloprid 0,03%

Semut

Bitrex

Isi bersih : **30 gram**

PETUNJUK PENGGUNAAN

Maxforce® Quantum 0,03 RB berkerja sebagai umpan yang akan tetap efektif untuk mengendalikan semut, selama umpan belum habis dimakan semut atau mengering.

Serangga Sasaran	Dosis Formulasi	Cara Pemakaian
Semut - *Monomorium pharaonis* - *Tapinoma melanocephalum*	0,1 – 0,4 g/m² 0,2 - 0,4 g/m²	Lepaskan penutup tabung, lalu tekanlah hingga gel keluar. Letakkan gel di sekitar sarang atau tempat-tempat yang dilalui semut.

PERHATIAN

THE MINISTRY OF AGRICULTURE
OF
THE REPUBLIC OF INDONESIA

DIRECTORATE GENERAL
OF
AGRICULTURAL INFRASTRUCTURE AND FACILITIES
DIRECTORATE OF FERTILIZER AND PESTICIDE

Jl. Harsono RM No. 3, D Building 8-9th Floor, Ragunan Pasar Minggu - Jakarta Selatan
Phone (62.21) 7890043 - 7810044, Fax (62.21) 7890043

Certificate

No. : **213/Kompes/2020**

In accordance with the Decree of the Minister of Agriculture number
99/Kpts/SR.330/M/01/2020

We hereby certify that :

Company name	:	**PT. Bayer Indonesia**
Company address	:	**Jl. Jend. Sudirman Kav. 10/11 GD. MID PLAZA 1, Lt. 11-15 KARET TENGSIN -TANAH ABANG JAKARTA PUSAT**

Is recognized as the registration holder of the following product :

Trade name	:	**MAXFORCE QUANTUM 0.03 RB**
Common name and content of a.i.	:	**imidacloprid : 0.03 %**
Registration number	:	**RI. 06090120103641**

The product mentioned above is offically registered.

Expiry: **30 September 2024**

Jakarta, **11 March 2020**
Director,

Ir. Rahmanto, MSc

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name	MAXFORCE QUANTUM 0,03 RB
Product code (UVP)	79212690

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use	Insecticide, Ant killer

1.3 Details of the supplier of the safety data sheet

Supplier	PT. Bayer Indonesia Jalan Rungkut Industri I no 12 Surabaya 60292 Indonesia
Telefax	+62-31-8439541
Responsible Department	Health and Safety Environmental (HSE Department) +62-31-8438627 (During office hours only)

1.4 Emergency telephone no.

Indonesia Emergency Number	08071-801-801 (24 hours/day)
Global Incident Response Hotline (24h)	+1 (760) 476-3964 (Company 3E for Bayer CropScience)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (ID) MPRI GHS of Classification & labels on chemicals No. 23/M-ID/PER/4/2013 as amended.

Chronic aquatic toxicity: Category 2
H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling in accordance with Regulation (ID) MPRI GHS of Classification & labels on chemicals No. 23/M-ID/PER/4/2013 as amended.

Hazard label for supply/use required.

Hazardous components which must be listed on the label:

- Imidacloprid

Hazard statements

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P501 Dispose of contents/container in accordance with local regulation.

2.3 Other hazards

No other hazards known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical nature

Bait (ready for use) (RB)
Imidacloprid 0,03 % w/w

Hazardous components

Name	CAS-No. / EC-No.	Conc. [%]
Imidacloprid	138261-41-3	0,03

Further information

Imidacloprid	138261-41-3	M-Factor: 10 (acute), 100 (chronic)

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice
The nature of this product, when contained in commercial packs, makes spillage unlikely. However, if significant amounts are spilled nevertheless, the following advice is applicable. Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

Skin contact
Wash off immediately with soap and plenty of water.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

Ingestion
Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms
If large amounts are ingested, the following symptoms may occur:

Dizziness, Abdominal pain, Nausea

Symptoms and hazards refer to effects observed after intake of significant amounts of the active ingredient(s).

Due to its low concentration intake of a hazardous amount of active ingredient from this formulation is unlikely.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	Treat symptomatically. Monitor: respiratory and cardiac functions. In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. There is no specific antidote.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable	Water spray, Carbon dioxide (CO2), Foam, Sand
Unsuitable	High volume water jet
5.2 Special hazards arising from the substance or mixture	In the event of fire the following may be released:, Carbon monoxide (CO)

5.3 Advice for firefighters

Special protective equipment for firefighters	In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus.
Further information	Contain the spread of the fire-fighting media. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Precautions	Avoid contact with spilled product or contaminated surfaces. Use personal protective equipment.
6.2 Environmental precautions	Do not allow to get into surface water, drains and ground water.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	The nature of this product, when contained in commercial packs, makes spillage unlikely. However, if significant amounts are spilled nevertheless, the following advice is applicable. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated floors and objects thoroughly, observing environmental regulations. Keep in suitable, closed containers for disposal.
6.4 Reference to other sections	Information regarding safe handling, see section 7. Information regarding personal protective equipment, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion No special precautions required.

Hygiene measures Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands before breaks and immediately after handling the product. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt).

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Protect from frost. Keep away from direct sunlight.

Advice on common storage Keep away from food, drink and animal feedingstuffs.

Suitable materials Polypropylene
Polyethylene film within an outer package
HDPE (high density polyethylene)

7.3 Specific end use(s) Refer to the label and/or leaflet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components	CAS-No.	Control parameters	Update	Basis
Imidacloprid	138261-41-3	0,7 mg/m3 (TWA)		OES BCS*
Sucrose	57-50-1	10 mg/m3 (NAB)	11 2011	ID OEL

*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

8.2 Exposure controls

Personal protective equipment
In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory protection Respiratory protection is not required under anticipated circumstances of exposure.
Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.

Hand protection	Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Wash gloves when contaminated. Dispose of when contaminated inside, when perforated or when contamination on the outside cannot be removed. Wash hands frequently and always before eating, drinking, smoking or using the toilet. Material: Nitrile rubber Rate of permeability: > 480 min Glove thickness: > 0,4 mm Directive: Protective gloves complying with EN 374.
Eye protection	Wear goggles (conforming to EN166, Field of Use = 5 or equivalent).
Skin and body protection	Wear standard coveralls and Category 3 Type 6 suit. If there is a risk of significant exposure, consider a higher protective type suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently. If chemical protection suit is splashed, sprayed or significantly contaminated, decontaminate as far as possible, then carefully remove and dispose of as advised by manufacturer.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form	gel
Colour	colourless to light yellow
Odour	weak, characteristic
pH	4,0 - 6,0 at 10 % (23 °C) (deionized water)
Flash point	> 100 °C
Auto-ignition temperature	380 °C
Density	ca. 1,43 g/cm³ at 20 °C
Partition coefficient: n-octanol/water	Imidacloprid: log Pow: 0,57
Viscosity, dynamic	>= 5.400 mPa×s at 20 °C Velocity gradient 80 /s
Oxidizing properties	No oxidizing properties
Explosivity	Not explosive 92/69/EEC, A.14 / OECD 113
9.2 Other information	Further safety related physical-chemical data are not known.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Thermal decomposition	175 °C, Heating rate: 3 K/min Exothermic decomposition. The value mentioned relates to the active ingredient.
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions.
10.4 Conditions to avoid	Extremes of temperature and direct sunlight.
10.5 Incompatible materials	Store only in the original container.
10.6 Hazardous decomposition products	No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity	LD50 (Rat) > 2.500 mg/kg Test conducted with a similar formulation.
Acute inhalation toxicity	During intended and foreseen applications, no respirable aerosol is formed.
Acute dermal toxicity	LD50 (Rat) > 2.000 mg/kg Test conducted with a similar formulation.
Skin irritation	No skin irritation (Rabbit) Test conducted with a similar formulation.
Eye irritation	No eye irritation (Rabbit) Test conducted with a similar formulation.
Sensitisation	Non-sensitizing. (Guinea pig) OECD Test Guideline 406, Magnusson & Kligman test Test conducted with a similar formulation.

Assessment STOT Specific target organ toxicity – repeated exposure

Imidacloprid did not cause specific target organ toxicity in experimental animal studies.

Assessment mutagenicity

Imidacloprid was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.

Assessment carcinogenicity

Imidacloprid was not carcinogenic in lifetime feeding studies in rats and mice.

Assessment toxicity to reproduction

Imidacloprid caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic

to the parent animals. The reproduction toxicity seen with Imidacloprid is related to parental toxicity.

Assessment developmental toxicity

Imidacloprid caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Imidacloprid are related to maternal toxicity.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)) 211 mg/l Exposure time: 96 h The value mentioned relates to the active ingredient imidacloprid.
Toxicity to aquatic invertebrates	EC50 (Daphnia magna (Water flea)) 85 mg/l Exposure time: 48 h The value mentioned relates to the active ingredient imidacloprid. EC50 (Chironomus riparius (non-biting midge)) 0,0552 mg/l Exposure time: 24 h The value mentioned relates to the active ingredient imidacloprid.
Chronic toxicity to aquatic invertebrates	EC10 (Chironomus riparius (non-biting midge)): 0.87 µg/l Exposure time: 28 d The value mentioned relates to the active ingredient imidacloprid.
Toxicity to aquatic plants	IC50 (Desmodesmus subspicatus (green algae)) > 10 mg/l Growth rate; Exposure time: 72 h The value mentioned relates to the active ingredient imidacloprid.

12.2 Persistence and degradability

Biodegradability	Imidacloprid: Not rapidly biodegradable
Koc	Imidacloprid: Koc: 225

12.3 Bioaccumulative potential

Bioaccumulation	Imidacloprid: Does not bioaccumulate.

12.4 Mobility in soil

Mobility in soil	Imidacloprid: Moderately mobile in soils

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment	Imidacloprid: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).

12.6 Other adverse effects

Additional ecological information	No other effects to be mentioned.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.
Contaminated packaging	Not completely emptied packagings should be disposed of as hazardous waste.

SECTION 14: TRANSPORT INFORMATION

ADR/RID/ADN

14.1 UN number	**3077**
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID MIXTURE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Environm. Hazardous Mark	YES
Hazard no.	90
Tunnel Code	E

This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.

IMDG

14.1 UN number	**3077**
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID MIXTURE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Marine pollutant	YES

IATA

14.1 UN number	**3077**
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID MIXTURE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Environm. Hazardous Mark	YES

14.6 Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

No transport in bulk according to the IBC Code.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Further information

WHO-classification: III (Slightly hazardous)

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute toxicity estimate
CAS-Nr.	Chemical Abstracts Service number
Conc.	Concentration
EC-No.	European community number
ECx	Effective concentration to x %
EINECS	European inventory of existing commercial substances
ELINCS	European list of notified chemical substances
EN	European Standard
EU	European Union
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)
ICx	Inhibition concentration to x %
IMDG	International Maritime Dangerous Goods
LCx	Lethal concentration to x %
LDx	Lethal dose to x %
LOEC/LOEL	Lowest observed effect concentration/level
MARPOL	MARPOL: International Convention for the prevention of marine pollution from ships
N.O.S.	Not otherwise specified
NOEC/NOEL	No observed effect concentration/level
OECD	Organization for Economic Co-operation and Development
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
TWA	Time weighted average
UN	United Nations
WHO	World health organisation

The information given in the safety data sheet is correct as of the date made.

But along with the development of science and technology, the information may be wrong in the future.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

MENTERI PERTANIAN
REPUBLIK INDONESIA

KEPUTUSAN MENTERI PERTANIAN REPUBLIK INDONESIA
NOMOR 686/KPTS/SR.330/M/9/2019

TENTANG

PEMBERIAN NOMOR PENDAFTARAN DAN IZIN TETAP PESTISIDA

DENGAN RAHMAT TUHAN YANG MAHA ESA

MENTERI PERTANIAN REPUBLIK INDONESIA,

Menimbang : a. bahwa berdasarkan ketentuan Pasal 13 Peraturan Menteri Pertanian Nomor 39/Permentan/SR.330/7/2015 tentang Pendaftaran Pestisida mengamanatkan Menteri Pertanian memberikan nomor pendaftaran dan izin tetap pestisida atas saran dan/atau pertimbangan Komisi Pestisida;

b. bahwa sesuai hasil Rapat Pleno Komisi Pestisida tanggal 23 Agustus 2019, terhadap 222 (dua ratus dua puluh dua) pestisida yang diajukan permohonan pendaftaran telah memenuhi persyaratan teknis untuk didaftarkan dan diberikan izin tetap pestisida;

c. bahwa berdasarkan pertimbangan sebagaimana dimaksud dalam huruf a dan huruf b, perlu menetapkan Keputusan Menteri Pertanian tentang Pemberian Nomor Pendaftaran dan Izin Tetap Pestisida;

Mengingat : 1. Undang-Undang Nomor 12 Tahun 1992 tentang Sistem Budidaya Tanaman (Lembaran Negara Republik Indonesia Tahun 1992 Nomor 46, Tambahan Lembaran Negara Republik Indonesia Nomor 3478);

2. Peraturan Pemerintah Nomor 7 Tahun 1973 tentang Pengawasan Atas Peredaran, Penyimpanan dan Penggunaan Pestisida (Lembaran Negara Republik Indonesia Tahun 1973 Nomor 12);
3. Peraturan Presiden Nomor 7 Tahun 2015 tentang Organisasi Kementerian Negara (Lembaran Negara Republik Indonesia Tahun 2015 Nomor 8);
4. Peraturan Presiden Nomor 45 Tahun 2015 tentang Kementerian Pertanian (Lembaran Negara Republik Indonesia Tahun 2015 Nomor 85);
5. Peraturan Menteri Pertanian Nomor 39/Permentan/SR.330/7/2015 tentang Pendaftaran Pestisida (Berita Negara Republik Indonesia Tahun 2015 Nomor 1047);
6. Peraturan Menteri Pertanian Nomor 43/Permentan/OT.010/8/2015 tentang Organisasi dan Tata Kerja Kementerian Pertanian (Berita Negara Republik Indonesia Tahun 2015 Nomor 1243);

MEMUTUSKAN:

Menetapkan : KEPUTUSAN MENTERI PERTANIAN TENTANG PEMBERIAN NOMOR PENDAFTARAN DAN IZIN TETAP PESTISIDA.

KESATU : Memberikan Nomor Pendaftaran dan Izin Tetap Pestisida kepada Pemegang Nomor Pendaftaran.

KEDUA : Nomor Pendaftaran dan Izin Tetap Pestisida sebagaimana dimaksud dalam Diktum KESATU tercantum dalam Lampiran I dan Lampiran II yang merupakan bagian tidak terpisahkan dari Keputusan Menteri ini.

KETIGA : Izin Tetap Pestisida sebagaimana dimaksud dalam Diktum KEDUA berlaku selama 5 (lima) tahun, dan dapat diubah atau dicabut dalam hal terbukti pestisida:

a. tidak sesuai dengan ketentuan peraturan perundang-undangan;
b. menimbulkan pengaruh samping yang tidak diinginkan; dan/atau
c. diketahui memiliki potensi bahaya tertentu yang sebelumnya tidak diketahui.

KEEMPAT : Keputusan Menteri ini mulai berlaku pada tanggal ditetapkan.

Ditetapkan di Jakarta
pada tanggal 30 September 2019

MENTERI PERTANIAN
REPUBLIK INDONESIA,

AMRAN SULAIMAN

Salinan Keputusan Menteri ini disampaikan kepada Yth.:

1. Menteri Koordinator Bidang Perekonomian;
2. Menteri Keuangan;
3. Menteri Perindustrian;
4. Menteri Perdagangan;
5. Menteri Ketenagakerjaan;
6. Menteri Kelautan dan Perikanan;
7. Menteri Kesehatan;
8. Menteri Lingkungan Hidup dan Kehutanan;
9. Kepala Badan Pengawas Obat dan Makanan;
10. Kepala Badan Pengawasan Keuangan dan Pembangunan;
11. Pimpinan Unit Kerja Eselon I lingkup Kementerian Pertanian;
12. Ketua Komisi Pestisida;
13. Pemegang Nomor Pendaftaran.

NO.	Nama pestisida dan bahan aktif serta kadarnya	Jenis pestisida dan bentuk formulasi	Penggunaan yang terdaftar dan diizinkan		Nama pemegang nomor pendaftaran	Nomor pendaftaran
			Tanaman/komoditas yang dapat diperlakukan dan organisme sasaran/tujuan penggunaan	Cara aplikasi dan dosis atau konsentrasi formulasi		
1	2	3	4	5	6	7
70	MATRIX WIN 300 EC karbosulfan (*carbosulfan*) : 200 g/l imidakloprid (*imidacloprid*): 100 g/l	Insektisida racun kontak dan lambung berbentuk pekatan yang dapat diemulsikan	Padi sawah : penggerek batang padi kuning *Scirpophaga incertulas* wereng batang coklat *Nilaparvata lugens*	Penyemprotan volume tinggi : 0,75 ml/l Penyemprotan volume tinggi : 0,75 ml/l	PT. Multi Sarana Indotani	RI. 01010120155312
71	MAXFORCE QUANTUM 0.03 RB imidakloprid (*imidacloprid*): 0,03%	Pestisida pengendalian vektor penyakit pada manusia racun kontak dan lambung berbentuk umpan siap pakai	Di dalam dan di luar ruangan : semut *tapinoma melanocephalum* Di dalam dan di luar ruangan : semut *monomorium pharaonis*	Pengumpanan: 0,3 g/m^2 Penguinpanan siap pakai: 0,2 g/m^2	PT. Bayer Indonesia	RI. 06080120103641
72	MAZOTAM 200 SC fipronil (*fipronil*): 200 g/l	Insektisida racun kontak dan lambung berbentuk pekatan suspensi	Cabai : kutu daun *Myzus persicae* hama trips *Thrips parvispinus*	Penyemprotan volume tinggi : 0,75 - 1 ml/l	PT. Rotam Indonesia	RI. 01010120144994