



AUD-AD-140-1399656 : رقم التسجيل
09-01-2020 : التاريخ

قطاع المجتمعات المستدامة
إدارة الشؤون البلدية

شهادة تسجيل مبيد كيميائي

مبيد افات زراعية (حشري)

تشهد وزارة التغير المناخي والبيئة بأن المبيد بالمواصفات التالية

الاسم التجاري للمبيد : PILARKING

بلد التسجيل : الصين

المواد الفعالة وتركيزها : Imidacloprid 25%

CAS RN : 138261-41-3

صورة المستحضر : Ready-to-Use Powder

حجم العبوة : 100,250,500,1000 جرام

بلد (التسجيل/المنشأ) والشركة المنتجة : الصين - Pilarquim (Shanghai) Co. Ltd

الشركة المحلية المستوردة : شيرود الشرق الاوسط لتجارة المبيدات

تاريخ إصدار الشهادة : 09-01-2020 : صالحة حتى : 18-12-2024

ملاحظات : لا يوجد

وجد مطابقا لنظام تسجيل المبيدات المتبع لديها وقد أعطيت له هذه الشهادة بناء على ذلك.

ملاحظات :

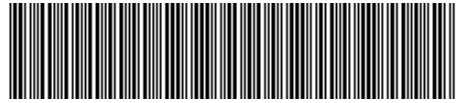
- يعاد تقييم المبيد كل خمس سنوات حتى يتم تجديد هذه الشهادة بعد ذلك.
- تلغى هذه الشهادة في حالة شطب أو سحب المبيد من قبل المنظمات والهيئات العالمية المختصة في تسجيل المبيد أو ثبت للوزارة تدهور المبيد أثناء فترة صلاحيته تحت الظروف البيئية للدولة أو ثبت أن لديه آثار جانبية ضارة

سددت الرسوم 3063.06 درهم

رقم إيصال الشهادة : 190102982124

تاريخ إيصال الشهادة : 18-12-2019

مدير إدارة الشؤون البلدية



AUD-AD-140-1399656

PRECAUTIONS:

DO NOT STORE IN DWELLING.

KEEP FAR FROM CHILDREN, DOMESTIC ANIMALS, & FOOD.

DESTROY THIS CONTAINER AFTER USING PRODUCT.

FIRST AID:

Eyes contact: flush with amounts of water for 15 minutes. Call a physician.

Skin contact: Remove contaminated clothing. Wash skin with soap & water. If signs of intoxication (poisoning) occur, get medical attention immediately.

Inhalation: First, remove victim to fresh air or uncontaminated area. Get medical attention as soon as possible.

Ingestion: Drink one or two glasses of water and induce vomiting by touching back with throat with finger. Get medical attention as soon as possible.

STORAGE & DISPOSAL:

Store on a cool dry area designated specifically for pesticides. Do not store and disposal near any material intended for use or for consumption by humans or animals.

Date of Manufacture:

Expiry Date:

Batch No.:

Net Content

100 g

التحذيرات:

لا يخزن في السكن.

يحفظ بعيداً عن متناول الأطفال والحيوانات الأليفة والأغذية.

تخلص من الحاوية بعد استخدام المنتج.

الإسعافات الأولية:

ملامسة العينين: اغسلاها بكميات وافرة من الماء لمدة 15 دقيقة. واتصل بالطبيب.

ملامسة الجلد: أزل الملابس الملوثة. اغسل الجلد بالصابون والماء. وفي حالة حدوث علامات التسمم احصل على الرعاية الطبية على الفور.

الاستنشاق: أولاً، أخرج الضحية إلى الهواء النقي أو منطقة غير ملوثة. احصل على الرعاية الطبية في أقرب وقت ممكن.

الابتلاع: اشرب كوباً أو كوبين من الماء وحرّض القيء عن طريق لمس ظهر الحلق بإصبعك. واحصل على الرعاية الطبية في أسرع وقت ممكن.

التخزين والتخلص من الفوارغ:

يخزن في منطقة باردة وجافة ومعدة خصيصاً لمبيدات الحشرات. لا يتم تخزينه والتخلص منه بالقرب من أي مادة مخصصة للاستخدام أو المستهلك من قبل البشر أو الحيوانات.

تاريخ الإنتاج:

تاريخ الانتهاء

رقم التغليف:

الوزن الصافي

بيلاركنج

PILARKING®

إيميداكلوبريد 25% w/w
(Imidacloprid 25% w/w WP)
Wettable Powder

نوع التجهيزة ونسبة المواد الفعالة

المحتويات
النسبة المئوية المئوية (وزن/وزن)
Percentage (w/w) Composition

25% المادة الفعالة: إيميداكلوبريد
Active Ingredient: Imidacloprid

75% مواد خاملة
Inert Ingredients

100% المجموع
Total

يحفظ بعيداً عن متناول الأطفال
اقرأ توجيهات السلامة قبل الفتح أو الاستخدام

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS
BEFORE OPENING OR USING

ضار
Harmful

رقم تسجيل المبيد بوزارة التغير المناخي والبيئة

MOCCA Registration Number

(AUD-AD-140-1399656)

الشركة المنتجة
Manufacturing Company

Pilarquim Corp.
9F, 332 Chien-kuo South Road,
Sec. 2, Taipei 106, Taiwan
Tel.: (886-2) 2362-2222
Email: tpe@pilarquim.com
www.pilarquim.com

الموزع المحلي
Local Distributor

Sherwood

شيرود الشرق الأوسط
Sherwood Middle East, Abu Dhabi, UAE
Tel.: +91 2 6718812, Fax: +91 2 6718813

Use: DIRECTIONS FOR USE:

PILARKING is a systemic insecticide with translaminar activity & with contact & stomach action. It is currently the most important representative of a new type of insecticide, namely the chloronitro-cyryl class of compounds. These compounds interfere with the signal transmission in the insect nerve system acting at a nicotinic acetylcholine receptor. Control of sucking insects & variation.

Uses:

المحصول	الأفة	معدل الإستخدام	فترة الأمان
الخضروات، الفواكه، الطماطم، الثقلان، الفاصوليا، الجزر، البطاطا، القرنبيط، الكرفس، الخيار	المن، الترس، الذبابة البيضاء، صامانة الأفانق، المن والذبابة البيضاء	من 100 إلى 133 غ لكل 100 لتر ماء	من 5 إلى 7 أيام
أشجار الفاكهة	المن الترس		5 أيام
معلقات الحنطة ومروج المنازل والمجمعات السكنية وملاعب الغولف والمطارات والملاعب الرياضية والمقارن	المن		14 يوم
			القمح - 14 يوم الأرز - 21 يوم
		10 غ لكل 100 لتر ماء	ري المنطقة المعالجة يد تطبيق التفرغ

Crop	Insects Controlled	Dilution Rate	Safety period (Pre-harvest interval or PHI)
Vegetables, cabbage, tomato, pepper, beans, carrot, potato, celery, cauliflower	Aphids, thrips, Whiteflies, leafhopper	100-133g/ 100L water	Vegetables = 5-7 days Cucurbits = 5 days Fruit Trees = 14 days Wheat = 14 days Rice = 21 days
Cucurbits (squash, pumpkin, zucchini, cucumber)	Aphids, thrips, whiteflies		
Fruit trees	Aphids, thrips		
Field crops, rice, wheat, barley, Sweet corn	Aphids, rice plant hopper, corn stalk borer		Wheat = 14 days Rice = 21 days
Turf and garden Soil Applications (Residential home lawns, business & office complex, shopping complex, golf courses, airports, cemeteries, parks, playgrounds, athletic fields)	For the optimum control of grubs, billbugs, annual bluegrass weevil, and European crane fly larvae	100g / 100 sqm	Note: Irrigate treated area after application to disperse "Planting 25% WP" into soil.

الضمان: تضمن الشركة المنتجة ثبات المواصفات الكيميائية والفيزيائية لهذا المبيد وسلامته في عوالمه الأصلية في التخزين العادي طيلة فترة صلاحيته تحت ظروف دولة الإمارات العربية المتحدة وحسب طريقة التخزين المشار إليها.

الشركة المنتجة ليست مسؤولة عن أي حادث قد يحدث بسبب سوء التخزين أو استخدام أو خلط غير صحيح، أو بسبب عدم الامتثال للتعليمات التقنية.

طريقة الإستخدام:

بيلاركنج هو عبارة عن مبيد حشري جهازى له نشاط عابر ولبية تأثير عند الملامسة وعلى المعدة، وهو يعمل في الوقت الحالي أهم الأنواع الجديدة من المبيدات الحشرية، وعلى وجه التحديد فئة مركبات الكلورونيتروبيين. حيث تتداخل هذه المركبات مع انتقال الإشارات في النظام العصبي للحشرات التي يعمل في مستقبلات أستيل كولين النيكوتين. ويتحكم في الحشرات الماصة.

الإستخدامات:

The logo for PILARKING is centered within a white rounded rectangle. The word "PILARKING" is written in a bold, sans-serif font. The letter "P" is red, while "ILARKING" is black. A gold crown is positioned above the letter "K". A gold swoosh with a small star at its end arches over the letters "I" and "L". A registered trademark symbol (®) is located to the right of the word.

PILARKING[®]

MATERIAL SAFETY DATA SHEET

PILARKING (IMIDACLOPRID) 250 G/KG WP

Section 1 – Product and Company Identification

MSDS Name: PILARKING (Imidacloprid) 250 g/kg WP

Synonyms: N/A.

Company Identification:

PILARQUIM (SHANGHAI) CO., LTD.

1500 Hang-Tang Road, Jin-Hui Town, Feng-Xian District, Shanghai, P. R. of CHINA

Tel: (86-21) 5758-9888 (25 lines)

Fax: (86-21) 5758-9666, 5758-8579

For Information, Call: (86-21) 5758-9888

Emergency Number: Contact your Emergency Center

For Assistance, Call (24 hr Emergency Telephone): Contact your Poisons Information Service

Section 2 – Composition, Information on Ingredients

CAS No.	Chemical Name	Percent
138261-41-3	1-(6-chloro-3-pyridylmethyl)-N-nitroimidazolidin-2-ylideneamine (IUPAC name)	250 g/kg

Section 3 – Hazards Identification

EMERGENCY OVERVIEW

Target Organs: Central nervous system, respiratory system, eyes, immune system, skin.

Potential Health Effects

Effects and Symptoms: Signs and symptoms of poisoning would be expected to be similar to nicotinic signs and symptoms, including fatigue, twitching, cramps, and muscle weakness including the muscle necessary for breathing.

Acute Effects of Exposure: No specific symptoms of acute overexposure are known to occur in humans. Animal studies have shown that this material is mildly toxic by the oral and dermal routes. It is minimally irritating to the conjunctiva of the eye but the irritation is reversible within 24 hours. It is a slight dermal irritant, but is not a dermal sensitizer.

Chronic Effects of Exposure: No specific symptoms of chronic overexposure are known to occur in humans.

ENVIRONMENTAL HAZARDS

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. This product is highly toxic to aquatic invertebrates.

Section 4 – First Aid Measures

Inhalation: First, remove victim to fresh air or uncontaminated area. If not breathing, give artificial respiration, preferably mouth to-mouth. Get medical attention as soon as possible.

Ingestion: If ingestion is suspected, call a physician or poison control center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. If syrup of ipecac is available, administer 1 tablespoonful (15 ml) of syrup of ipecac followed by 1 to 2 glasses of water. If vomiting does

not occur within 20 minutes, repeat the dose once. Do not induce vomiting or give anything by mouth to an unconscious person.

Skin Contact: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation persists. If signs of intoxication (poisoning) occur, get medical attention immediately.

Eye Contact: Hold eyelids open and flush with copious amounts of water for 15 minutes. Call a physician if irritation persists or develops after flushing.

Antidote: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition. Medical condition aggravated by overexposure; A knowledge of the available toxicology information and of the physical and chemical properties of the material suggest that overexposure is unlikely to aggravate existing medical conditions.

Section 5 – Fire Fighting Measures

General Information: Wear NIOSH/MSHA approved self-contained breathing apparatus. Keep out of smoke, cool exposed contained with water spray. Fight fire from upwind position. Use self-contained breathing equipment. Contain run-off by diking to prevent entry into sewers or waterways. Equipment or materials involved in pesticide fires may become contaminated.

Extinguishing Media: Water; carbon dioxide; dry chemical; foam.

Section 6 – Accidental Release Measures

General Information: Isolate area and keep unauthorized people away. Wear proper protective equipment. Do not walk through spilled material. Avoid breathing vapors and skin

contact. Contaminated soil may have to be removed and disposed. Do not allow material to enter streams, sewers, or other waterways or contact vegetation.

Spills/Leaks: Remove sources of ignition if combustible or flammable vapors may be present and ventilate area. Dike contaminated area with absorbent granules, soil, sand, etc. If large spill, material should be recovered. Small spills can be absorbed with absorbent granules, spill control pads, or any absorbent material. Carefully sweep up absorbed spilled material. Please in covered container for reuse or disposal.

Section 7 – Handling and Storage

Handling: Do not contaminate water, food, or feed by storage disposal. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Storage: Store in area designated specifically for pesticides. Do not store near any material intended for use or consumption by human or animals. Store in a cool place. Do not store in direct sunlight. Protect from freezing temperatures. Do not contaminate water, food, or feed by storage, disposal, or by cleaning of equipment. Do not reuse empty container. Open dumping is prohibited. Approximately Freeze Point is 20°F.

Section 8 – Exposure Controls, Personal Protection

Engineering Measures: Local exhaust or general ventilation to maintain exposure below PEL.

Hygiene Measures: User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. User should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. User should remove PPE immediately if

pesticide after handling this product. Wash the put side of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory System: Under normal handling conditions, no respiratory protection is needed; however, when potential exposure to product dust is excessive, wear a NIOSH-approved respirator for dusts and mists or for pesticides.

Eye Protective Equipments: Goggles should be used when needed to prevent dust from getting into the eyes.

Skin Protective Equipments: Wear long sleeves and trousers to prevent skin contact.

Hand Protective Equipments: The use of chemical-resistant gloves to prevent skin contact is recommended as good practice.

Other Protective Equipment: Minimize exposure. Wear appropriate PPE to prevent the probability of exposure and personal contact. Wash with soap and rinse thoroughly after handling material, and before eating, drinking, smoking, or using restroom facilities. Shower after each shift. Deluge safety shower and eye wash should be located in work area.

Section 9 – Physical and Chemical Properties

Appearance	: Loose powder without block.
Suspensibility	: $\geq 70\%$
Wetting Time	: ≤ 90 s
Wet Sieve Test	: $\leq 4\%$ retained on a 44 μm test sieve.
pH	: 6.0-10.0
Molecular Formula	: $\text{C}_9\text{H}_{10}\text{ClN}_5\text{O}_2$
Molecular Weight	: 255.7

Section 10 – Stability and Reactivity

Stability: This is a stable material.

Conditions to Avoid: Strong exothermal reaction above 200°C.

Incompatibilities: None known.

Hazardous Decomposition Products: Proposed: HCL, HCN, CO, NO_x (for imidacloprid).

Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

Acute oral LD₅₀ for male rats 2,879, female rats 2,992 mg/kg.

Acute dermal LD₅₀ for rats > 2,000 mg/kg.

Non irritation to skin (rabbits).

Non irritation to eyes (rabbits).

Section 12 – Ecological Information

ECOTOXICITY DATA OF ACTIVE INGREDIENT

Birds: Acute oral LD₅₀ for Japanese quail 31, bobwhite quail 152 mg/kg. Dietary LC₅₀ (5 d) for bobwhite quail 2,25, mallard ducks > 5,000 mg/kg.

Fish: LC₅₀ (96 h) for golden orfe 237, rainbow trout 211 mg/l.

Daphnia: LC₅₀ (48 h) 85 mg/l.

Algae: E_rC₅₀ (72 h) for *Pseudokirchneriella subcapitata* >100 mg/l.

Bees: Harmful to honeybees by direct contact, but no problems expected when not sprayed into flowering crop or when used as a seed treatment.

Worms: LC₅₀ for *Eisenia foetida* 10.7 mg/kg dry soil.

ENVIRONMENTAL FATE

In lab. studies, the most important metabolic steps were oxidation at the imidazolidine ring, reduction or loss of the nitro group, hydrolysis to 6-chloronicotinic acid and mineralization; these processes were strongly accelerated by vegetation. Imidacloprid shows a medium adsorption to soil. Column leaching tests (with prior ageing) with a.i. and various formulation showed that imidacloprid and soil metabolites are to be classified as immobile; leaching into deeper soil layers is not to be expected if imidacloprid is used as recommended. Stable to hydrolysis under sterile conditions (under exclusion of light). Environmental DT₅₀ c. 4 h (calc., based on tests of direct photolysis in aqueous solutions). Besides sunlight, the microbial activity of a water/sediment system is an important factor for the degradation of imidacloprid.

Section 13 – Disposal Considerations

Pesticide Disposal: Follow container label instructions for disposal of wastes generated during use in compliance with the product label. In other situations, bury in an EPA approved landfill or in an incinerator approved for pesticide destruction. Do not reuse container.

Packaging Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of the smoke.

Section 14 – Transport Information

UN No. : 2588

Class : 6.1

Packing Group : III

Proper Shipping Name : Pesticide, Solid, Toxic, N.O.S.

Environmental Risk : Marine Pollutant

EMS : F-A, S-A

Section 15 – Regulatory Information

Chinese Regulations:

Regulations on Pesticide Administration.

The Safety Management for Hazardous Chemical Statute.

International Regulations:

Convention Concerning Safety in the Use of Chemicals at Work (C170).

Guidelines for the Safe Warehousing of Pesticides.

Guidelines for the Safe Transport of Pesticides.

Section 16 – Additional Information

This MSDS provides important health, safety and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.

The information and recommendations contained herein are based on information believed to be correct. However, no guarantee or warranty of any kind, expressed or implied is made with respect to the information provided.