



SHJ-AD-140-2595976
15-04-2025

رقم التسجيل :
التاريخ :

قطاع التنوع الغذائي
إدارة التنمية والصحة الزراعية

مفيد	كيميائي	تسجيل مبيد
مبيدات جاهزة الاستخدام (حشري)		
تشهد وزارة التغير المناخي والبيئة بأن المبيد بالمواصفات التالية		
الاسم التجاري للمبيد : BUGSZONE POWER GEL		
بلد التسجيل : كوريا الجنوبية		
المواد الفعالة وتركيزها : HYDRAMETHYLNON 2%		
CAS RN : 67485-29-4		
صورة المستحضر : Gel - Ready to use		
حجم العبوة : جرام 35,1.5,4.5		
بلد (التسجيل/المنشأ) والشركة المنتجة : كوريا الجنوبية - Bugszone CO. LTD		
الشركة المحلية المستوردة : شبكة المستقبل للتجارة العامة ذ.م.م		
تاريخ إصدار الشهادة : 15-04-2025		
صلاحية حتى : 31-12-2025		
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 604.28 درهم

رقم إيصال الشهادة : 10467607148256589821

تاريخ إيصال الشهادة : 24-02-2025

مدير إدارة الشؤون البلدية

رمز التحقق : 289-3064



للتحقق من صحة بيانات هذا
المستند يرجى مسح الشيفرة
أو زيارة موقع الوزارة

To verify this document
please scan the QR code
or visit the ministry's website

هذا المستند معتمد إلكترونياً ولا يحتاج إلى توقيع أو ختم

This document is electronically approved and does not require signature or stamp

يُحفظ بعيداً عن متناول الأطفال / KEEP AWAY FROM THE REACH OF THE CHILDREN

• First Aid

- If Swallowed Immediately call a Poison Control Center/Doctor.
If in the eye hold the eyelid open and wash quickly and gently with clean running water for at least 15 minutes.
If in the skin Wash skin and hair thoroughly with soap and water.
If Inhaled Carry the victim to an open and well-ventilated area.

• الاسعافات الأولية

- عند البلع اتصل على الفور بمركز مراقبة السموم / الطبيب
ملاسة العين أبق الجفن مفتوحاً واغسله بسرعة وبلطف بالماء الجاري النظيف لمدة 15 دقيقة على الأقل
ملاسة الجلد اغسل الجلد والشعر جيداً بالماء والصابون
عند الاستنشاق انقل المصاب إلى مكان مفتوح وجيد التهوية

DIRECTIONS FOR USE

تعليمات الإستخدام

SITUATION	الحالة	PEST	نوع الحشرة	RATE	الجرعة	CRITICAL COMMENT	الاستخدام الأمثل
Domestic, Commercial and Public Service Buildings		German and other common cockroaches		Apply from 0.5 - 1.0 gm per square meter. When the gel is completely consumed, reapply the dose if necessary in areas with high cockroach activity		Gel placement should be at or near areas where cockroaches gather, such as in cracks and crevices.	
المباني السكنية، التجارية والمنشآت العامة		الصراصير الألمانية وغيرها من الصراصير الشائعة		ضع من 0.5 إلى 1.0 جرام لكل متر مربع عندما يتم استهلاك الجل تماماً أعد تطبيق الجرعة إذا لزم الامر في المناطق ذات النشاط العالي للصراصير		يجب وضع الجل في المناطق التي تتجمع فيها الصراصير أو بالقرب منها، مثل الشقوق والفجوات	

المبيد مقيد الاستخدام - لبيعه ولاستخدامه فقط من قبل فنيين مرخصين أو تحت اشرافهم الفني المباشر - مبيد صحة عامة
RESTRICTED USE PESTICIDE - FOR SALE & USE ONLY BY LICENSED TECHNICIANS OR UNDER THEIR DIRECT TECHNICAL SUPERVISION - PUBLIC HEALTH PESTICIDE

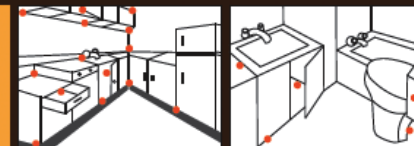
BUGSZONE POWERGEL

COCKROACH GEL BAIT

جل للصراصير

X مبيد آفات الصحة العامة
PUBLIC HEALTH INSECTICIDE

معالجة موضعية لمكافحة الصراصير في المباني التجارية والصناعية والسكنية حسب طبيعة الاستخدام
TOPICAL TREATMENT TO COMBAT COCKROACHES IN INDUSTRIAL AND RESIDENTIAL BUILDINGS, ACCORDING TO THE NATURE OF USE



يجب قراءة التعليمات بالنشرة المرفقة قبل الاستخدام
يجب التخلص من الحاوية الفارغة وفقاً للوائح الوطنية
PLEASE READ THE INSTRUCTIONS IN THE ENCLOSED LEAFLET BEFORE USE

CONTENT (ACTIVE INGREDIENT)	التركيب (المادة الفعالة)
Hydramethylnon	02% هيدراميثيلنون
Inert materials	98% المواد الحاملة
Total	100% المجموع

THE EMPTY CONTAINER MUST BE DISPOSED OF IN ACCORDANCE WITH THE NATIONAL REGULATIONS

رقم التسجيل في وزارة التغير المناخي والبيئة MOCCAE Registration Number SHJ-AD-140-2595976

PRODUCTION DATE
BATCH NUMBER
EXP DATE

تاريخ الانتاج
رقم التشغيل
تاريخ الانتهاء

MANUFACTURED BY



IMPORTED COMPANY





BUGSZONE CO., LTD.

<http://bugszone.com>

31, Wolmyeong-ro 55beon-gil, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, Republic of Korea
Tel. +82-43-272-6668, Fax. +82-43-272-6669 | E-mail. bugszone2015@naver.com

Material Safety Data Sheet for BUGSZONE POWER GEL (Hydramethylnon 2% gel)

SECTION 1 NAME AND HAZARD SUMMARY

Trade Name : BUGSZONE POWER GEL

Description : INSECTICIDE

Hazardous Ingredients : HYDRAMETHYLNON

Product Company : BUGSZONE Co., Ltd

Address : 31, Wolmyeong-ro 55beon-gil, Heungdeok-gu, Cheongju-si,
Chungcheongbuk-do, Republic of Korea.

Telephone : (82)-43-272-6668

Fax : (82)-43-272-6669

WEB site : <http://www.bugszone.com>

Date of issue : 2023. 12. 01

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Composition	CAS NO.	Concentration % by Weight
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*Composition : . 2% w/w pure, Hydramethylnon as active ingredient
(listed in CAS NO. 67485-29-4) (Hydramethylnon technical content:98%)

Ingredient	Cas No.	% w/w	Fuction
Hydramethylnon	67485-29-4	2.0%	Active ingredient
Mixed gruel rice and beans	8001-22-7	35.275%	Excipient
D-Sorbitol solution	50-70-4	25%	Attracting agent
Glycerin	56-81-5	15.0%	Humectant
Xanthan Gum	11386-62-2	0.15%	Thickener
Guar Gum	9000-30-0	0.075%	Thickener
Sodium Benzoate	532-32-1	0.5%	Preservative
Water	7732-18-5	22.0%	Solvent
Total		100.0%	

BUGSZONE CO., LTD.

Lee, Byunghyun
Lee, Byunghyun / President



SECTION 3 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification in accordance with GHS Regulation

Reproductive toxicity: Category 1B

H360 May damage fertility or the unborn child.

Specific target organ toxicity - single exposure: Category 2

H373 May cause damage to organs through prolonged or repeated exposure.

Label elements

Labelling according to specific legislation

Hazard label for supply/use required.

Hazardous components which must be listed on the label: Hydramethylnon

Signal word: Danger

Hazard statements

H360 May damage fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P281 Use personal protective equipment as required.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P405 Store locked up.

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

Other hazards

No other hazards known.

SECTION 4 FIRST AID MEASURES

Ingestion

Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger, or by giving 1 ounce of syrup of ipecac, if available.

Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.



SECTION 5 FIRE FIGTHING MESURES

Flash Point > 94 °C

Fire and Explosion Hazards

Avoid heavy hose steams, airborne, dusts of the active ingredient, Hydramethylnon, may create explosive hazard.

Suitable Extinguishing Media

Water, Foam, Carbon dioxide (CO₂), Dry chemical.

Fire Fighting

Wear self-contained, positive pressure breathing apparatus and full fighting protective clothing.

Keep unnecessary people away. Use as little water as possible. Dike area of fire to prevent pesticide run-off. Use spray of fog-solid stream may cause spreading.

Conduct fire fighting and rescue operations from upwind of the fire area.

Evacuate people downwind who may come in contact with smoke, fumes, or contaminated surfaces. Do not decontaminate personnel or equipment, or handle broken packages or containers without protective equipment as specified in the Section 8. Decontaminate emergency personnel with soap and Water before leaving the fire area.

SECTION 6 ACCIDENTAL RELEASE MEASURES

General and Disposal Non-hazardous waste. Wear appropriate gear for the situation. See Personal Protection information in Section 8. Sweep up spilled material. Place in a container for disposal. Flush with water.

SECTION 7 HANDLING AND STORAGE



Handling Procedures

Storing Procedures Do not contaminate water, food, or feed by storage or disposal. Store in a secure, dry well-ventilated separate room, building or covered area.

Work/Hygienic Procedures Employees engaged in handling bulk quantities of Hydramethylnon should remove clothing and shower prior to exiting the work site.
All employees working with the material should wash their hands prior to consuming food or tobacco products.

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls Local exhaust ventilation should be used to maintain exposures below the 8-hour TWA and to control the generation of airborne dust from the active ingredient, Hydramethylnon, at points of transfer or other points where full enclosure is not feasible.

Eye/Face Protection Dust-proof goggles are recommended for employees engaged in operations where there is a risk of accidental exposure to eyes from the active ingredient, Hydramethylnon.

Body Protection Normal work clothing, like cloth overalls, is indicated.

Respiratory protection A NIOSH-approved respirator must be worn by employees where it is not feasible to use engineering controls and employee-exposure exceeds 1.4mg/m³

General Protection All electrical wiring and equipment should meet the provisions of NFPA-70.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point : > 100℃

Melting Point : 62℃

Specific Gravity : 1.44G/ML

pH : N/A

Vapor Pressure : N/A

Vapor Density : N/A

% Volatile(By Vol.) : N/A

Octanol/H₂O Partition Coef.: N/A



Solubility in water : Insoluble

Saturation in Air (By Vol.) : N/A

Evaporation Rate : N/A

Flash Point: 180℃

SECTION10 STABILITY AND REACTIVITY

Chemical Stability This material is stable under normal handling and storage conditions described in Section 7 .

SECTION11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity The active ingredient, Hydramethylnon

Male Rat: LD₅₀ > 50,000 mg/kg.

Acute Dermal Toxicity The active ingredient, Hydramethylnon

Rabbit: LD₅₀ > 5,000 mg/kg

Acute Inhalation Toxicity The active ingredient Hydramethylnon

Practically nonhazardous.

Skin Irritation The active ingredient, Hydramethylnon

Rabbit: Mild to moderate skin irritation.

Eye Irritation The active ingredient, Hydramethylnon

Rabbit Reversible irritation after 24-hour wash phase.

Chronic Toxicity The active ingredient, Hydramethylnon

No conclusive oncogenic effects were observed in mice and rats at any dose level tested.

Reproductive & Developmental Toxicity

In a multi-generation reproduction study, reproductive performance was not compromised by hydramethylnon administration. However, all high dose treatment groups (200ppm) exhibited decreased body weights, anorexia and poor fertility.

Teratogenicity No teratogenic effects were found at any dose level tested

in albino rats. However, at the dose level of 30mg/kg/day



(highest dose tested), hydramethylnon produce both maternal and embryotoxic effects.

Mutagenicity Technica| Hydramethylnon was examined in the Ames mutagenicity test and was found to be non-mutagenic. Similar results were achieved in a Dominant Lethal Test conducted in male rats treated with hydramethylnon by gavage for 5-days.

SECTION12 ECOLOGICAL INFORMATION

Environmental This product is toxic fish. Do not apply directly to water. Do
Precautions not contaminate water by cleaning of equipment or disposal of equipment wastewaters.

SECTION13 DISPOSAL CONSIDERATIONS

General Disposal Dispose in accordance with all local, state/provincial and
Guidance federal regulations.

Container Disposal Do not reuse empty container for any use other than this product. Wrap empty container and place in trash can.

RCRA Classification Not Regulated under this Statute

SECTION14 TRANSPORT INFORMATION

For transportation regulatory information, call the product information phone number in Section 1.

Domestic transport: Not classified as a dangerous good under transport regulations

Sea transport : Not classified as a dangerous good under transport regulations

IMDG



Air transport : Not classified as a dangerous good under transport regulations
IATA/ICAO

SECTION15 REGULATORY INFORMATION

US Federal Regulations

TSCA list None

TSCA 12b export notification None

SARA Title III - section 302 - notification and information

SARA Title III - section 313 - toxic chemical release reporting

Hydramethylnon 67485-29-4 2.0%

Canadian Regulations

Canadian Domestic Substance List None

Environmental

CERCLA None

Clean Water Section 307 Priority Pollutants None

Safe Drinking Water Act Maximum Contaminant Levels None

SECTION16 OTHER INFORMATION

This information is provided in good faith but without express or implied warranty.

BUGSZONE CO., LTD assumes all responsibility for safety and not in accordance with label instructions.



TECHNICAL DATA SHEET OF HYDRAMETHYLNON 2.0% GEL
(BUGSZONE POWER GEL GEL)

■ **INTRODUCTION**

BUGSZONE POWER GEL may be used for the control of cockroaches, such as German or Brown-banded roaches, in any area where cockroaches are a problem, such as residential, warehouse and commercial establishments, including food service, food manufacturing and food processing facilities, hospitals, nursing homes, schools, day care centers, health care facilities, aircraft, basements, laboratories, computer and electronic equipment facilities, pet shops, zoos, buses, boats and trains. BUGSZONE POWER GEL has an odorless bait that roaches eat even in the presence of other foods.

■ **PRODUCT NAME**

BUGSZONE POWER GEL

■ **ACTIVE INGREDIENT**

Hydramethylnon 2%

■ **ACTIVE INGREDIENT IDENTIFICATION**

1) IUPAC name

5,5-dimethylperhydropyrimidin-2-one 4-trifluoromethyl- α -(4-trifluoromethylstyryl)
=cinnamylidenehydrazone

2) Chemical Abstracts Name

tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone[3-[4-(trifluoromethyl)
=phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone

3) CAS Registry Number

[67485-29-4]

BUGSZONE CO., LTD.

Lee, Byungheun

Lee, Byungheun / President



4) Development Codes

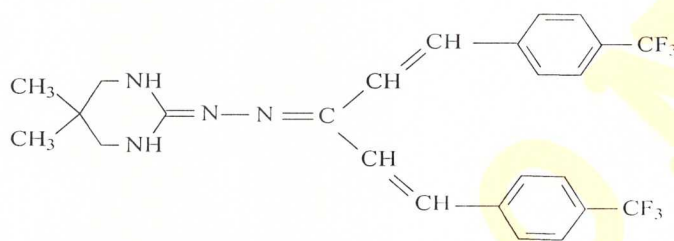
AC 217 300; CL 217 300

5) Molecular and structural formula

Molecular weight : 494.50

Empirical : $C_{25}H_{24}F_6N_4$

Structural :



■ **ORIGIN OF THE ACTIVE INGREDIENT**

BUGSZONE Co., Ltd.

31, Wolmyeong-ro 55beon-gil, Heungdeok-gu, Cheongju-si, chungcheongbuk-do,
Republic of Korea.

■ **MANUFACTURER**

BUGSZONE Co., Ltd.

31, Wolmyeong-ro 55beon-gil, Heungdeok-gu, Cheongju-si, chungcheongbuk-do,
Republic of Korea.

■ **ACTIVITY**

Control of cockroaches and cockroach eggs

■ **FIRST AID AND MEASURES**

Ingestion Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger, or by giving 1 ounce of syrup of ipecac, if available.
Do not induce vomiting or give anything by mouth to an unconscious person.
Get medical attention.



■ DIRECTION FOR USE

□ Bait stations

- Place BUGSZONE POWER GEL in areas where cockroaches have been seen and where they hide. Cockroaches infest dark, warm and damp areas.
- The bait stations can be stuck to the vertical surface by peeling off the bottom label to expose adhesive.
- For effective roach control use 4-6 bait stations per 100 square feet of horizontal surface area. Place adjacent to walls and flush in corners.
- Do not spray the bait stations. Avoid placing the bait stations on sprayed surfaces recently.
- Roaches begin to eat the bait immediately and you should expect to see fewer roaches within two weeks.
- Inspect all bait stations and replace as needed for continual control of roaches.

□ Bait

- Take lid off from the end of syringe bottle.
- Place about 0.5g of this product (on paper or aluminium foil) at 35cm interval on harborage, corridor, wall voids, corners or edges of floors, counters, cabinets, shelves, dropped ceilings, ETC. Where roaches may be a problem.
- For more effective control of cockroaches, use up all contents at a time and as its effect lasts 3 months, It is recommended to re-install after 2-3 months for continuous cockroach control.
- It is easy to install and give excellent attractant from special bait ingredient, so, it controls large to small cockroaches effectively.