

دلتا باودر

DELTA POWDER

DUSTABLE POWDER INSECTICIDE
AGAINST CRAWLING INSECTS

مبيد حشري على هيئة مسحوق تعفير
لمكافحة الحشرات الزاحفة

المكونات:		
Deltamethrin	0.051 %	0.051%
Excipients	100 % cps	المجموع الى : 100%

يُحفظ بعيداً عن متناول الأطفال
KEEP OUT OF REACH OF CHILDREN

رقم تسجيل المبيد بوزارة التغير المناخي والبيئة:
MOCCAE Registration Number:

DXB-AD-140-1482298



اسم الشركة المستوردة:

Grass Trading LLC
شركة شارد

شركة شارد للتجارة ذ. م. م.
Grass Trading LLC
الإمارات العربية المتحدة، عجمان
Tel: +971 67499488

المحتوى الصافي:
Net Contents

500 g

الشركة المنتجة:
شركة شارد أوروبا بي في بي إيه - إسبانيا
Manufacturing Co:
Sharda Europe BVBA - Spain

خصائص المنتج:

دلتا باودر هو مبيد حشري على هيئة مسحوق يستخدم لمكافحة الحشرات الزاحفة مثل الصراصير والنمل وبقي الفراش والغثابك من خلال معالجة الشقوق في الأماكن المغلقة كما يستخدم أيضاً في الأماكن المفتوحة وحول بيوت النمل الخارجية.

الكمية وطريقة الاستخدام: يمكن وضع دلتا باودر مباشرة عن طريق تعفير الأماكن المصابة **الاستعمال في الأماكن المغلقة داخل الشقوق:**

قم بوضع ٢٠ جم من المنتج بطبقات رقيقة في الشقوق المخفية فيها الحشرات أو (تحت الأثاث أو الزوايا..... إلخ) ويمكن وضع المنتج ٦ مرات في السنة بعد أدنى ٦ أسابيع بين كل مرة. **الاستعمال في الفراغات والتجويفات في الأماكن المغلقة:** قم بوضع ٢٠ جم طبقات رقيقة من المنتج في الشقوق المخفية فيها الحشرات أو (على سبيل المثال جميع الفراغات في الحوائط) ويمكن وضع المنتج ٦ مرات في السنة بعد أدنى ٦ أسابيع بين كل مرة.

معالجة بيوت النمل في الأماكن المغلقة والمفتوحة: قم بوضع طبقات رقيقة حول مداخل بيوت النمل مع الحقن داخل مدخل بيت النمل بعد أقصى ٢ جم لبيت النمل الواحد

PRODUCT CHARACTERISTICS:

Delta Powder is a dustable powder insecticide for use against crawling insects including Cockroaches (Blattodea), Ants (Hymenoptera: Formicidae), Bedbugs (Cimex lectularius) and Spiders (Arachnida) by crack and crevice treatment indoors. Also for use outdoors on and around ant nests.

APPLICATION DOSES AND MODE OF USE: DELTA POWDER can be applied directly by dusting. Indoor application in crack and crevices: Apply 20g of product in thin layers in cracks and crevices where insects hide (under furniture, corners, etc.). The application can be performed 6 times per year with a minimum interval of 6 weeks between applications. Indoor application in voids and cavities: Apply 20g of product in thin layers in voids/cavities where insects hide (for example wall partition voids). The application can be performed 6 times per year with a minimum interval of 6 weeks between applications. Ant nest treatment (indoor and outdoor): Apply in thin layers on the area surrounding the nest entrances and/or injected into the nest entrances at a maximum rate of 2 grams .product per nest

الضمان : تضمن الشركة المنتجة ثبات المواصفات الكيميائية و الفيزيائية لهذا المبيد وسلامته في عبواته الأصلية في التخزين العادي طيلة فترة صلاحيته تحت ظروف دولة الإمارات العربية المتحدة.

WARRANTY STATEMENT: The manufacturer to ensure the stability of the chemical and physical specifications for this pesticide and integrity of the container in the normal storage for the duration of its validity under the conditions of the United Arab Emirates.

التخزين: يجب تخزين المنتج في العبوة الأصلية محكمة الغلق في مكان بارد وجاف وجيد التهوية بعيداً عن أشعة الشمس ودرجة الحرارة العالية وبعيداً عن الرطوبة، ويجب وضع العبوات في مكان يسمح بوجود هواء طبيعي. ولا يخزن مع المؤكسدات والمواد الكاوية أو الأحماض، ويحفظ بعيداً عن المواد الغذائية والمشروبات مع فحص العبوات بشكل دوري دون الاضرار بالعبوة الأصلية، وتبلغ مدة صلاحية هذا المنتج ٣ أعوام في حال المحافظة على شروط التخزين.

STORAGE: The product must be stored in its original container and properly closed in a cool, dry and well-ventilated place. Avoid high temperatures and the direct action of sunlight. Protect from moisture. The containers must be placed in such a way that they allow the free circulation of fresh air. Do not store with oxidants, bases (caustic solutions) or acids. Keep away from food, drinks and feed. Check stocks periodically to avoid damage. Under these conditions, the product can be stored for up to 3 years

Batch No:

Man. Date:

Exp. Date:

رقم التشفيف:

تاريخ التصنيع:

تاريخ الانتهاء:

إرشادات الإسعافات الأولية:

ويمكن ظهور بعض الأعراض السريرية في حال ملامسة المنتج للعين أو الجلد أو الغشاء المخاطي أو الجهاز التنفسي أو الجهاز الهضمي أو نقص الأكسجين أو اضطرابات الكلى.

الإجراءات الأساسية:

قم بإخراج الشخص المصاب من مكان الإصابة وإزالة الملابس مع إراحة المريض ومراقبة درجة حرارته، وفي حال فقدان المريض للوعي ضعه على جانبه مع خفض رأسه في مستوى أقل من جسده ورقبته مع السيطرة على التنفس وإذا لزم الأمر القيام بالتنفس الصناعي مع نقل الشخص المصاب إلى مركز صحي وحمل عبوة المنتج تحت أي ظرف.

وفي حالة ملامسة العينين قم بغسل العينين بالماء لمدة ١٥ دقيقة مع إزالة العدسات اللاصقة إن وجدت.

وفي حالة ملامسة الجلد قم بغسل الجلد بالماء والصابون بدون فرك الجلد. وفي حالة بلع المنتج لا تقوم بمحاولة التقيؤ مالم يطلب منك ذلك مركز مراقبة السموم أو أخصائي الرعاية الصحية وقم بغسل الفم ولا تتناول أي شئ عن طريق الفم.

نصائح علاجية للأطباء ولأفراد الرعاية الصحية: لا يفضل عمل غسيل معوي ويرجى مراقبة وظائف الكلى وتخطيط القلب والطاقة الكهرومائية للمصاب مع علاج الأعراض.

لا تدع الشخص المصاب بمفرده مهما حدث وفي حالة طلب رعاية طبية **احتفظ بالمصق أو العبوة معك** واتصل على خدمة المعلومات عن السموم **رقم الهاتف:** ٩١ ٥٦٢ ٠٤٢٠

إجراءات الطوارئ لحماية البيئة: اغلق المنطقة المصابة ولا تسمح بدخول أي أشخاص وتجنب ملامسة المواد المصابة والاسطح الملوثة، وفي حال تلوث البيئة بالمنتج مثل (الاسطح أو المياه الجوفية) أو المصارف أو المجاري

قم بإنشاء عازل بالقرب من المصرف وإخطار الهيئات المحلية المختصة ولا ينصح بتصريف أي من المجرى المائي أو المصرف مع امتصاص التسرب بمواد خاملة مثل (الرمال أو طين الكاولين) ووضع محتويات العبوة لتعريف كمخلفات خطيرة من أجل تجنب المخاطر.

كيف تتخلص من المنتج وعبواته بطريقة آمنة: عليك التخلص من محتويات وعبوة هذا المنتج وفقاً لقوانين إدارة المخلفات ولا تقم بتفريغ العبوة في المصرف ولا تلوث بها البحيرات أو برك المياه أو المواسير أو قنوات المياه ويمنع إعادة استخدام محتويات العبوة.

تحذير: إن المعلومات والتوصيات التي قمنا بسردها أعلاه نتيجة دراسات مضمينة ودقيقة ومن الممكن

أن تخرج العديد من العوامل عن السيطرة أثناء الاستخدام مثل (طريقة المعالجة وحالة الطقس.... إلخ) علماً بأن الشركة تضمن التركيبة والتكوين والمحتوى على أن يكون المستخدم مسئول عن أي أضرار قد تحدث نتيجة (قلة الفاعلية ووجود مخلفات.... إلخ) من خلال عدم الالتزام بالإرشادات المذكورة في المصق أو جزء منها.

FIRST AID INSTRUCTIONS: The clinical manifestations that can occur in case of exposure and / or contact are: Irritation of eyes, skin, mucosa, respiratory and gastrointestinal tract. Alkalosis and renal disorders. Basic action measures: Remove the person from the place of exposure and remove stained clothing. Keep the patient at rest and maintain body temperature. If the person is unconscious, lay him on his side with his head lower than the rest of his body and his knees bent. Control breathing, if necessary, artificial respiration. If necessary, move the intoxicated person to a health center, and whenever possible, carry the label or container. In eye contact, I avar with water at the least 15 minutes. Remember to remove contact lenses. Skin contact, I avar with soap and water without rubbing. If swallowed, DO NOT induce vomiting unless told to do so by poison control or health care professional. Rinse the mouth and do not administer anything by mouth. Therapeutic tips for doctors and healthcare personnel: Gastric decontamination is not indicated. Hydroelectric control, kidney function and electrocardiogram. Symptomatic and supportive treatment.

DO NOT LEAVE THE POISONER ALONE IN ANY CASE IF MEDICAL ADVICE IS NEEDED, KEEP THE LABEL OR CONTAINER ON HAND AND CONSULT THE TOXICOLOGICAL INFORMATION SERVICE Tel 20 04 562 91

WARNING: The recommendations and information we provide are the result of extensive and rigorous studies and trials. However, numerous factors may be involved in the use that are beyond our control (application, weather, etc.). The Company guarantees the composition, formulation and content. The user will be responsible for the damages caused (lack of efficacy, residues, etc.) by total or partial non-observance of the instructions on the label.



DXB-AD-140-1482298
21-05-2020

رقم التسجيل :
التاريخ :

قطاع المجتمعات المستدامة
إدارة الشؤون البلدية

شهادة تسجيل مبيد كيميائي

مبيد آفات صحة عامة (حشري)

تشهد وزارة التغير المناخي والبيئة بأن المبيد بالمواصفات التالية

الاسم التجاري للمبيد : DELTA POWDER

بلد التسجيل : اسبانيا

المواد الفعالة وتركيزها : Deltamethrin 0.051%

CAS RN : 52918-63-5

صورة المستحضر : DUST POWDER

حجم العبوة : كيلو جرام 0.25, 0.5, 1

بلد (التسجيل/المنشأ) والشركة المنتجة : اسبانيا - Sharda Europe B.V.B.A

الشركة المحلية المستوردة : غراس التجارية ذ.م.م

تاريخ إصدار الشهادة : 21-05-2020 صالحة حتى : 20-05-2025

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 3048.05 درهم

رقم إيصال الشهادة : 200026633140

تاريخ إيصال الشهادة : 13-05-2020

مدير إدارة الشؤون البلدية

رمز التحقق : 148-6486



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

SHARDA EUROPE b.v.b.a

MATERIAL SAFETY DATA SHEET DELTAMETHRIN 0.05% DP

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

1.1. Product identifier

Trade name: DELTA POWDER

Name: Deltamethrin 0.05% DP

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

1.2.1 Relevant identified uses

Main use category: Biocide

1.2.2 Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

SHARDA EUROPE B.V.B.A-SPAIN

Jozef Mertensstraat 142, 1702 Dilbeek Belgium

Tel: +32(0)2 466.44.44

Fax: +32(0)2 463.36.58

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment- H400

Aquatic Hazard, Category 1

Hazardous to the aquatic environment- H410

Chronic Hazard, Category 1

Full text of H-statements: see section 1

Adverse physicochemical, human health and environment effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS09

SHARDA EUROPE b.v.b.a

Signal word (CLP) : Warning
Hazard statements (CLP) : H410-Very toxic to aquatic life with long lasting effects
Precautionary statements (CLP) : P273 - Avoid release to the environment
P391 - Collect spillage
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation
P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children P103 - Read label before use.
P103-Read label before use.

2.3. Other hazards

No additional information available

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance:

Not applicable

3.2 Mixture

No	Substance name	CAS/EC number	Function	Content %
1	Deltamethrin	52918-63-5/258-256-6	Active sustance	0.051
2	Denatonium Benzoate (anhydrous)	3734-33-6/223-095-2	Bittering agent	0.005
3	Propylene Glycol	57-55-6/200-338-0	Anti-freeze agent	0.03
4	Vulkanox BHT (2,6-di-tert-butyl-p-cresol)	128-37-0/204-881-4	Anti-oxidizing agent	0.0001
5	Tamol NN 8906 (Naphthalenesulfonic acid, polymer with formaldehyde, sodium salt)	9084-06-4/618-665-6	Dispersing agent	0.08
6	DA4 Surfonic DA-4 (Alcohols, C9-11-iso-C10-rich, ethoxylated)	78330-20-8/616-607-4	Dispersing and flowing agent	0.06
7	Argirec B24F (Kaolin)	1332-58-7/319-194-1	Filler	0.7789
8	Limestone	1317-65-3/215-279-6	Filler	98.005
9	Sipernat 22S (Silicon dioxide)	112926-00-8/601-214-2	Anti-caking agent	0.99
TOTAL				100.00

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general:

Remove victim to fresh air. Immediately remove all contaminated clothing. Keep patient at rest. Maintain body temperature. If the person is unconscious, lay him/her side with the head lower than the rest of the body and the knees slightly bent. Monitor breathing, if necessary, artificial respiration. DO NOT LEAVE ALONE THE PATIENT IN ANY CASE. MOVE the victim to a hospital and, whenever possible, take the container or label.

First-aid measures after inhalation:

Ensure the victim fresh air (remove to fresh air). In case you notice discomfort, seek medical attention.

First-aid measures after skin contact:

In case of contact with skin, wash immediately with plenty of soap and water, without rubbing.

First-aid measures after eye contact:

Rinse immediately with plenty of water for at least 15 min, keeping the eyelid wide open; do not forget to remove the lenses. In case you notice pain, seek medical attention.

First-aid measures after ingestion:

If swallowed, Do NOT induce vomiting. Seek immediate medical attention and show the label or safety data sheet.

4.2. Most important symptoms and effects, both acute and delayed

Poisoning can cause the following symptoms: paraesthesia, which may be severe in skin and eyes. May cause irritation to eyes, skin and mucous membranes. Inhalation may cause irritation, coughing. Risk of pulmonary edema. Excitation, gastrointestinal disorders, tremors, dizziness, headache, lethargy, vomiting, abdominal pain, muscular twitching, nausea, loss of consciousness

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic and supportive treatment.

SECTION 5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Foam. Dry powder. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard:	In case of fire and/or explosion do not breathe fumes.
Reactivity in case of fire:	Product is not explosive.
Hazardous decomposition products in case of fire:	Carbon monoxide. Nitrogen oxide. Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire:	Keep container tightly closed away from heat, sparks and flame. Keep away from combustible materials.
Firefighting instructions:	Appropriate self contained breathing apparatus may be required. Get all the package away from the fire if this can be done without risks. Prevent firefighting water from entering the environment.
Protection during firefighting:	Wear fire/flame resistant/retardant clothing. Do not enter fire area without proper protective equipment, including respiratory protection.
Other information:	Do not allow material to contaminate surface water system.

SHARDA EUROPE b.v.b.a

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection.

Emergency procedures : Keep people away and isolate spill area. Avoid contact with spilled product or contaminated surfaces.

6.1.2. For emergency responders

Protective equipment : Wear suitable hand, body and head protection.

6.2. Environmental precautions

Prevent product from entering the environment (surface and groundwater), sewerage, drainage... with the construction of protective barriers and closing drains. Inform the relevant authorities uncontrolled leaks or spills to water courses, drains, sewers...

6.3. Methods and material for containment and cleaning up

For containment : Label the container and provide warning statements to prevent any contact.

Methods for cleaning up : Absorb spill on inert material (sand kaolin..) collect and place in containers for later properly identified as a hazardous waste management.

6.4. Reference to other sections

No additional information available.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Additional hazards when processed:

Do not allow run-off from fire-fighting to enter drains or water courses. Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

Precautions for safe handling:

Avoid contact with skin and eyes. Do not eat, drink or smoke in areas where product is used. Wash hands and other exposed areas with soap and water before leaving work. Remove contaminated clothing and shoes. Wash clothing and equipment after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Ensure adequate ventilation, especially in confined areas. Store locked up.

Storage conditions: Keep only in original container. Store in a dry place. Store in a close container. Store in a well ventilated place. Protect from sunlight.

Storage temperature: 0-30°C

Packaging materials: Keep only in the original container in a cool well ventilated place away from combustible materials.

7.3. Specific end use(s)

No additional information available

SHARDA EUROPE b.v.b.a

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Propane-1,2-diol (57-55-6)		
United Kingdom	Local name	Propane-1,2-diol
United Kingdom	WEL TW A (mg/m ³)	10 mg/m ³ particulates 474 mg/m ³ total vapour and particulates
United Kingdom	WEL TW A (ppm)	150 ppm total vapour and particulates
2,6-Bis(1,1-dimethylethyl)-4-methylphenol (128-37-0)		
United Kingdom	Local name	2,6-Di-tert-butyl-p-cresol
United Kingdom	WEL TW A (mg/m ³)	10 mg/m ³
United Kingdom	Regulatory reference	EH40. HSE
Quartz (14808-60-7)		
EU	Local name	Silica crystalline (Quartz)
EU	Notes	SCOEL Recommendations (2003)
United Kingdom	Local name	Silica
United Kingdom	WEL TW A (mg/m ³)	0,1 mg/m ³ respirable crystalline
Mikhart AC (1317-65-3)		
United Kingdom	Local name	Calcium carbonate
United Kingdom	WEL TW A (mg/m ³)	10 mg/m ³ inhalable dust 4 mg/m ³ respirable 4 mg/m ³ Limestone, respirable 10 mg/m ³ Limestone, total inhalable 4 mg/m ³ Marble, respirable 10 mg/m ³ Marble, total inhalable
United Kingdom	Regulatory reference	EH40. HSE

8.2 Exposure controls

Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

Eye protection: EN 166. Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles

Skin and body protection:

Long sleeved protective clothing

Respiratory protection:

Extra personal protection: P2 filter respirator for harmful particles. Extra personal protection: P3 filter respirator for toxic particles

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

Physical state: Solid
Colour: white.
Odour: odourless.
Odour threshold: No data available
pH: No data available
pH solution: 7.12 (1% solution)
Relative evaporation rate (butylacetate=1): No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): Not flammable
Vapour pressure: No data available
Relative vapour density at 20 °C: No data available
Relative density: No data available
Solubility : No data available Log Pow : > 4,6
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: Not explosive.
Oxidising properties: Non oxidizing.
Explosive limits: No data available

9.2 Other information: No additional information available.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Stable under normal conditions

10.4. Conditions to avoid

Heat. High temperature. Open flame. Direct sunlight.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SHARDA EUROPE b.v.b.a

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity (Oral) : Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Not classified

DELTA POWDER	
LD50 oral rat	> 2000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	> 1,354 ml/m ³
deltamethrin (ISO), (S)-α-cyano-3-phenoxybenzyl (1R, 3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate (52918-63-5)	
LD50 oral rat	50 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	0.6 mg/l/4h

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Acute aquatic toxicity : Very toxic to aquatic life.
Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

DELTA POWDER	
LC50 fish 1	$\geq 0.26 \mu\text{g/l}$ Oncorhynchus mykiss (96 h)
EC50 Daphnia 1	0,0000041 ml/l Daphnia magna
ErC50 (algae)	> 0.47 mg/l Chlorella vulgaris (96 h)

12.2 Persistence and degradability

deltamethrin (ISO), (S)-α-cyano-3-phenoxybenzyl (1R, 3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate (52918-63-5)	
Persistence and degradability	Not readily biodegradable.

12.3 Bioaccumulative potential

DELTA POWDER	
Log Pow	> 4.6

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effect

No additional information available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

No additional information available

Regional legislation (waste):



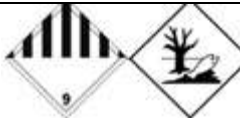
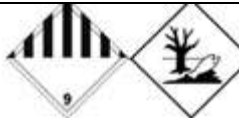
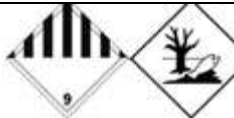
Disposal must be done according to official regulations.

Product packaging disposal recommendations:

Avoid release to the environment. Disposal must be done according to official regulations. Do not dispose of the packaging without first carrying out the necessary cleaning. Refer to manufacturer/supplier for information on recovery/recycling.

SECTION 14. TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
Special provision(s) applied : 375				
14.1 UN Number				
3077	3077	3077	3077	3077
14.2 UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (deltamethrin (ISO), (S)- α -cyano-3-phenoxybenzyl (1R, 3R)-3- (2,2-dibromovinyl)-2,2-dimethylcyclopropanecarb oxylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (deltamethrin (ISO), (S)- α -cyano-3-phenoxybenzyl (1R, 3R)-3- (2,2-dibromovinyl)-2,2-dimethylcyclopropanecarb oxylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (deltamethrin (ISO), (S)- α -cyano-3-phenoxybenzyl (1R, 3R)-3- (2,2-dibromovinyl)-2,2-dimethylcyclopropanecarb oxylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (deltamethrin (ISO), (S)- α -cyano-3-phenoxybenzyl (1R, 3R)-3- (2,2-dibromovinyl)-2,2-dimethylcyclopropanecarb oxylate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (deltamethrin (ISO), (S)- α -cyano-3-phenoxybenzyl (1R, 3R)-3- (2,2-dibromovinyl)-2,2-dimethylcyclopropanecarb oxylate)
Transport document description				
UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (deltamethrin (ISO), (S)- α -cyano-3-phenoxybenzyl (1R, 3R)-3- (2,2-dibromovinyl)-2,2-dimethylcyclopropanecarb oxylate), 9, III, (-)	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (deltamethrin (ISO), (S)- α -cyano-3-phenoxybenzyl (1R, 3R)-3- (2,2-dibromovinyl)-2,2-dimethylcyclopropanecarb oxylate), 9, III, MARINE POLLUTANT	UN 3077 Environmentally hazardous substance, solid, n.o.s. (deltamethrin (ISO), (S)- α -cyano-3-phenoxybenzyl (1R, 3R)-3- (2,2-dibromovinyl)-2,2-dimethylcyclopropanecarb oxylate), 9, III	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (deltamethrin (ISO), (S)- α -cyano-3-phenoxybenzyl (1R, 3R)-3- (2,2-dibromovinyl)-2,2-dimethylcyclopropanecarb oxylate), 9, III	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (deltamethrin (ISO), (S)- α -cyano-3-phenoxybenzyl (1R, 3R)-3- (2,2-dibromovinyl)-2,2-dimethylcyclopropanecarb oxylate), 9, III
14.3. Transport hazard class(es)				
				

SHARDA EUROPE b.v.b.a

14.4 Packing group				
III	III	III	III	III
14.5 Environmental hazards				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : M7
 Special provisions (ADR) : 274, 335, 375, 601
 Limited quantities (ADR) : 5kg
 Excepted quantities (ADR) : E1
 Packing instructions (ADR) : P002, IBC08, LP02, R001
 Special packing provisions (ADR): PP12, B3
 Mixed packing provisions (ADR): MP10
 Portable tank and bulk container instructions(ADR):T1, BK1, BK2, BK3
 Portable tank and bulk container special : TP33
 provisions (ADR)
 Tank code (ADR) : SGAV, LGBV
 Vehicle for tank carriage : AT
 Transport category (ADR) : 3
 Special provisions for carriage - Packages (ADR) : V13
 Special provisions for carriage - Bulk (ADR) : VC1, VC2
 Special provisions for carriage - Loading, : CV13
 unloading and handling (ADR)
 Hazard identification number (Kemler No.) : 90



Orange plates :
 Tunnel restriction code (ADR) : -
 EAC code : 2Z

- Transport by sea

Special provisions (IMDG) : 274, 335, 966, 967, 969
 Packing instructions (IMDG) : P002, LP02
 Special packing provisions (IMDG) : PP12
 IBC packing instructions (IMDG) : IBC08
 IBC special provisions (IMDG) : B3
 Tank instructions (IMDG) : T1, BK1, BK2, BK3
 Tank special provisions (IMDG): TP33
 EmS-No. (Fire) : F-A
 EmS-No. (Spillage) : S-F
 Stowage category (IMDG) : A
 Stowage and handling (IMDG) : SW 23

SHARDA EUROPE b.v.b.a

- Air transport

PCA Excepted quantities (IATA): E1
PCA Limited quantities (IATA) : Y956
PCA limited quantity max net quantity (IATA): 30kgG
PCA packing instructions (IATA): 956
PCA max net quantity (IATA) : 400kg
CAO packing instructions (IATA): 956
CAO max net quantity (IATA) : 400kg
Special provisions (IATA) : A97, A158, A179, A197
ERG code (IATA) : 9L

- Inland waterway transport

Classification code (ADN) : M7
Special provisions (ADN) : 274, 335, 375, 601
Limited quantities (ADN) : 5 kg
Excepted quantities (ADN) : E1
Equipment required (ADN) : PP, A
Number of blue cones/lights (ADN) : 0
Additional requirements/Remarks (ADN) : * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case of transport in bulk.

- Rail transport

Classification code (RID) : M7
Special provisions (RID) : 274, 335, 375, 601
Limited quantities (RID) : 5kg
Excepted quantities (RID) : E1
Packing instructions (RID) : P002, IBC08, LP02, R001
Special packing provisions (RID): PP12, B3
Mixed packing provisions (RID): MP10
Portable tank and bulk container instructions(RID): T1, BK1, BK2, BK3
Portable tank and bulk container special provisions (RID): TP33
Tank codes for RID tanks (RID): SGAV, LGBV
Transport category (RID) : 3
Special provisions for carriage – Packages (RID): W13
Special provisions for carriage – Bulk (RID) : VC1, VC2
Special provisions for carriage - Loading, unloading and handling (RID): CW 13, CW 31
Colis express (express parcels) (RID) : CE11
Hazard identification number (RID) : 90

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

Not applicable

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

SHARDA EUROPE b.v.b.a

Other information, restriction and prohibition regulations: according to Regulation (EU) 2015/830.

National regulations

Refer to protective measures listed in Sections 7 and 8

15.2. Chemical safety assessment

Refer to protective measures listed in Sections 7 and 8

SECTION 16. OTHER INFORMATION

Full text of H- and EUH-statements:

Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
H301	Toxic if swallowed.
H331	Toxic if inhaled.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Other data

Date of issue: 02/11/2017

Version: 1.1/UK

Replaces: -

Indication of changes: -

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product