PRODUCT SAFETY INFORMATION SHEET



PRODUCT: FENDONA 6SC

DATE: 24/02/2010

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1. SUBSTANCE/PREPARATION AND COMPANY NAME

Product Name: FENDONA 6SC

HSE Number: 4455 > PCS Number: 91678

Marketing company:

BASF Agro B.V. Moosacherstr. 2

69

8820 Waedenswil/AU

Switzerland

Tel: 0161 485 6222 Fax: 0161 486 0891

\ Irish Company: BASF Ireland

PO Box 4 Earl Road Cheadle Hulme

Cheadle

Cheshire SK8 6QG, UK

Tel: (01) 8255701 Fax: (01) 8252038

Emergency information: 0049 180 2273 112 (24 hours freephone)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Use: Insecticide for Professional Use

Formulation: A suspension concentrate containing 5.93 % w/w (60 g/litre)

alphacypermethrin

Hazardous
ingredientsCAS No.
g/lg/lSymbol
SymbolR PhrasesAlpha-cypermethrin67375-30-860T (Toxic)
N (DangerousR25, R37,
R48/22, R50/53

for the

environment)

3. HAZARDS IDENTIFICATION

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DANGEROUS FOR THE ENVIRONMENT

VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT (R50/53)

In common with other synthetic pyrethroids, this product may cause paresthesia.

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4. **FIRST AID MEASURES**

If a person thinks that they have been exposed to this product and feels General advice: unwell, call a doctor or take them to a hospital. Remove all contaminated

clothing. Keep them at REST away from source of contamination. DO NOT ALLOW smoking or eating. First aider should avoid becoming

contaminated and wear protective clothing if necessary.

Immediately irrigate affected eyes for at least 15 minutes under flowing Eye contact:

water, with eyelids open.

Skin contact: Immediately remove contaminated clothing and footwear and flush skin

with plenty of water. Wash affected area thoroughly with soap and water

as soon as possible.

Ingestion: DO NOT INDUCE VOMITING. Immediately rinse mouth then drink plenty

of water. Seek medical attention immediately.

Inhalation: Keep person calm, remove to fresh air, summon medical help.

Unconsciousness

If danger of loss of consciousness, place person in recovery position. Apply artificial ventilation if necessary, but care must be taken to avoid

contamination of the first aider.

GUIDE TO PHYSICIAN - general advice

Active ingredient

group:

Alphacypermethrin is a pyrethroid insecticide

Toxic effects: This material is of moderate general toxicity

Symptoms of accidental over

exposure:

Local irritation of the skin (burning sensation on the face and elsewhere) and irritation of the respiratory tract causing

rhinorrhea, chest tightness or dyspnea.

Any unusual symptoms which occur after exposure (by any mode of entry) should be recorded and reported to BASF at Cheadle.

5. FIRE FIGHTING MEASURES

١ Suitable extinguishing Water spray, foam, dry extinguishing media or carbon dioxide

media:

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Possible harmful

fumes in a fire:

Carbon monoxide, hydrogen chloride, hydrogen cyanide, nitrogen oxides and organochloric compounds can be released. Do not

breathe smoke or fumes

Protective equipment: In case of fire wear self-contained breathing apparatus and

protective clothing.

Further information: Call the Fire Brigade at once to deal with all fires involving

> pesticides unless the fire is small and immediately controllable. Spray unopened containers with a mist spray to keep cool. If without risk, remove intact containers from exposure to fire. Contain fire-fighting water, bunding if necessary with sand or earth. Do not allow contamination of public drains or surface or ground waters. Dispose of fire debris and contaminated water as advised in the DEFRA publication "Code of practice for using plant

protection products".

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6. ACCIDENTAL RELEASE MEASURES

If spilled: Wear prescribed protective clothing. Clear spillage immediately.

Contain spillage and absorb onto earth, sand or suitable absorbent material. Collect contaminated material and place in a marked container for disposal. Thoroughly wash area of spillage. Dispose of contaminated materials as advised in DEFRA publication "Code of

practice for using plant protection products".

Wash thoroughly immediately after handling spillages, or at once if

contaminated.

Personal protective equipment:

See Section 8.

Environmental precautions:

Do not allow contamination of public drains or surface or ground

waters.

UK:

Inform local water plc if spillage enters drains and the Environment Agency (England & Wales), the Scottish Environmental Protection Agency (Scotland), or the Environment and Heritage Service

(Northern Ireland) if it enters surface or ground waters.

Ireland:

Inform local water plc if spillage enters drains and the Environmental

Protection Agency if it enters surface or ground waters.

Keep people and animals away.

7. HANDLING AND STORAGE

Handling: No special measures are necessary provided the product is used

correctly. When using do not eat, drink or smoke.

Protection against fire and explosion:

Product is not combustible.

Storage: Keep dry and frostproof in a suitable pesticide store. Store

separately from food, drink and animal feed.

8. **EXPOSURE CONTROLS AND PERSONAL PROTECTION**

(i) PRECAUTIONS (from product label)

FOR USE ONLY BY PROFESSIONAL OPERATORS.

Engineering control of operator exposure must be used where reasonably practicable in addition to the following items of personal protective equipment:

WEAR SUITABLE PROTECTIVE CLOTHING

WEAR SUITABLE PROTECTIVE GLOVES

AVOID EXCESSIVE CONTAMINATION OF COVERALLS AND LAUNDER REGULARLY.

DO NOT BREATHE SPRAY. Otherwise wear respiratory protective equipment and eye protection (see HSE Guidance Booklet HS (G) 53: "Respiratory Protective Equipment – a practical guide for users").

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection – UK only

DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES.

COVER WATER STORAGE TANKS before application.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION contd.

THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way. DO NOT APPLY DIRECTLY TO ANIMALS.

EXTREMELY DANGEROUS TO FISH AND OTHER AQUATIC LIFE.

REMOVE OR COVER FISH TANKS AND BOWLS before application.

DO NOT CONTAMINATE watercourses with chemical or used container.

DO NOT APPLY DIRECTLY TO LIVESTOCK AND POULTRY.

HAZARDOUS TO BEES.

UNPROTECTED PERSONS AND ANIMALS SHOULD BE KEPT AWAY FROM

TREATED AREAS UNTIL SURFACES ARE DRY.

WASH SPLASHES from skin or eyes immediately

WASH HANDS AND EXPOSED SKIN before meals and after use.

KEEP ONLY IN THE ORIGINAL CONTAINER.

KEEP CONTAINER TIGHTLY CLOSED.

KEEP IN A SAFE PLACE.

COLLECT EGGS AND REMOVE FEED, EXPOSED WATER AND MILK BEFORE APPLICATION.

KEEP OUT OF THE REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION.

To avoid risks to man and the environment, comply with instructions for use.

(ii) PERSONAL PROTECTIVE EQUIPMENT

Hand Protection:

In tests with a range of pesticide products, protective gloves made of nitrile rubber at least 0.5mm thick and 300mm long have been found to be the most suitable. Gloves made of viton, butyl rubber, neoprene and PVC can also offer good protection. Gloves must protect the whole hand and wrist and repeated use of these gloves depends upon spillages being washed off immediately. The gloves should be thoroughly washed after each operation.

General safety & hygiene measure:

The usual precautions for the handling of chemicals must be observed. Keep away from foodstuffs, animal feedstuffs and beverages.

The wearing of other personal protective equipment may be required to supplement the items listed above. These are described in the DEFRA publication "Code of practice for using plant protection products". Decontaminate all personal protective equipment after use. When this is not possible dispose of as contaminated wastes.

\ (iii) OCCUPATIONAL EXPOSURE LIMITS (OESs)

<u>Hazardous ingredients</u>	<u>Long term</u>		Short term	
	exposure limit		exposure limit	
	ppm	mg/m ³	ppm	mg/m ³
Propane- 1,2-diol Total vapour and particulates	150	474	-	-
Particulates	-	10	-	_

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid Colour: White

\ Odour: Faintly aromatic

Flash point: > 100 °C (no flash point - measurement made up to the

boiling point)

Density: approx. 1.025 g/cm3 (20 °C)
Solubility in water: Aqueous suspension concentrate

10. STABILITY AND REACTIVITY

Hazardous reactions: None provided product is correctly handled

\ Substances to avoid: Strong bases.

Hazardous None if stored and handled correctly.

decomposition products:

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

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Ingestion: Low toxicity LD50 oral (rat): >5000 mg/kg)
Skin contact: Not Irritant LD50 dermal (rat): >2000 mg/kg)
Inhalation of Unlikely to cause a LD50 inhalation (rat) 4hr: > 2.06 mg/l

vapour: problem
Eye contact: Not irritant
Sensitising Non sensitiser

potential:

Avoid all unnecessary contact with the product.

12. **ECOLOGICAL INFORMATION**

No ecotoxicity data exists for this formulation. Based on standard Laboratory tests with technical range alpha-cypermethrin and other formulations containing alpha-cypermethrin, this formulation will likely be very toxic to fish, aquatic invertebrates, and harmless to algae up to alpha-cypermethrin's limit of water solubility.

13. **DISPOSAL CONSIDERATIONS**

Leaking Damaged or leaking containers must be dealt with as soon as noticed

containers: by sealing them in impermeable containers.

Disposal of used **UK**:

containers: Follow the directions given in DEFRA publication "Code of practice for

using plant protection products".

Ireland:

Used, cleaned, crushed or punctured containers may be disposed of at

licensed disposal sites.

Disposal of diluted UK:

pesticide: Advice for the disposal or re-use of diluted pesticide is given in DEFRA

publication "Code of practice for using plant protection products".

ireland:

Advice for the disposal may be given by local authorities (Environmental Health Departments) who will recommend a waste

disposal contractor. Do not re-use containers for any purpose.

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14. TRANSPORT INFORMATION

UN Number : 3082 Packing Group III

ROAD/RAIL

ADR/RID Class : 9 ADR/RID Item No : 11c

Environmentally hazardous substance, liquid, N.O.S. (contains

alphacypermethrin 6%). Marine pollutant

SEA

IMDG Class : 9

Environmentally hazardous substance, liquid, N.O.S. (contains

alphacypermethrin 6%). Marine pollutant.

AIR

ICAO/IATA Class : 9

Environmentally hazardous substance, liquid, N.O.S. (contains

alphacypermethrin 6%). Marine pollutant.

Pack sizes : 1 litre 5 litres No per outer : 10 4

15. **REGULATORY INFORMATION**

UK:

This product is approved under the "Control of Pesticides Regulations 1986" and is labelled accordingly.

The Control of Substances Hazardous to Health Regulations (COSHH) may apply to the use of this product at work.

Ireland:

This product is authorised, cleared, notified or granted permission to market in accordance with the European Communities (Authorisation, Placing on the market, Use and Control of Plant Protection Products) Regulations 2003 as amended, and is labelled in accordance with European Communities (Classification, Packaging and Labelling of Plant Protection Products and Biocide Products) Regulations 2001.

16. **OTHER INFORMATION**

UK:

For further medical advice Doctors should contact the National Poisons Information Service.

In an emergency further information can be obtained from the National Chemical Emergency Centre 01865 407 333 (24 hours).

Ireland:

For further medical advice Doctors should contact the National Poisons Information Centre at Beaumont Hospital.

In an emergency further information can be obtained from the National Chemical Emergency Centre 01865 407 333 (24 hours).

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The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

FENDONA 6SC [V2 UK&IE]

والصراصير والبراغيث وبق الفراش والنمل وايضا في برامع مكافحة يوقات البعوض. يستضع فندونا بنجل تلم في مكافحة الحشرات الطائرة والزاحفة مثل الذباب والبعوض الاثر الباقي على الاسطح المعاملة. مبيد بيريثرودي يجمع بين الغعالية العالية في مكافحة أهم عشرات الصحا قمالها قبيد

sech Ikunichla:

للأثر الباقي الطويل في الأسطح الناعمة (الإصلبة الشديدة في الاسطح الخشنة) المشرات الطائرة والزامة (الرش الروتيني)

٠٥١ سم٢/١٠ لتر ماء ۱۱۰ سم۲/۱۱ لتر ماء · 0 mg 7 / · 1 le 0 ds

ويتم رشه بمعدل ١ لتر من مطول الرش لكل ٢٠ متر٢. وتغطيتها جيدا بمطول الرش. والمبيد مناسب للاستخدام مع أغلب أنواع أجهزة الرش. يتم خلط تركيز المبيد المستخدم مع الماء للتخفيف ثم رش الأسطى المراد معاملتها طريق الإستخدام:

ن له ١٤ ت له ليتم إ

- عدم الأكل أوالشرب أو التنفين أثناء الرش.
- . بالمعتسكا دلنا تالفق و لنق ومنع قيقاها لسبكلما دانت إبب
- . المعتسر المند علجاا وأنينيعاا مسم الإستعمال.
- في العليثا عيبماا غاني قلشنتسا معد
- . ترانا يعاد دانف دلمال ملعلا أند اليع لففع .
- يجب تغطية المساحة المخصصة لتحضير الطعام أثناء الرش.
- عدم الرش مباشرة على الميوانات الأليفة.
- . الفائا الوائته ند اليع قلوققه قيلت ألا لهتاهبد روف نبضي
- · وعان العبادة أي المعالضت المبعد عن الفاا تا الهبعاا ما العالم العالم الماكة الماكة

: قياه كا تلفلعسكا

- في صالة ملامسة المبيد للعين: تغسل بماء وفير لمدة ١٥ دقيقة.
- في حالة ملامسة المبيد للجلد: يجب خلع الملابس الملوثة والأحذية ويغسل الجلد بالماء
- في حالة الإبتلاع: لا يجبر المصاب على التقيين، يغسل الفع بالماء.
- في حالة الإستنشاق: يترك المصار في راحة وينقل الى مكان جيد العهوءة.

لا يوجد أي جرعة مضادة ويعالي المصاب بسع الأعراض عضاد التسمع:

USE RECOMMENDATIONS:

aquatic larvicide in mosquito control programmes. and stored product insects. It is also used as an llies, mosquitoes, bed bugs, fleas, ants, cockroaches nee against all the major public health pests including Fendona is a highly active pyrethroid insecticide for

100 ml / 10 L water (froutine treatment) 50 ml / 10 L water Dosage: Flying & Crawling insects

(Extended persistence) 150 ml / 10 L water Residual surface treatment (Heavy infestation)

METHOD OF USE:

bloduct / 20 m. Fendona should be applied at a rate of 1 L of diluted tor use with most types of spray equipment be sprayed to the point of minimal runoff. It is suitable the required concentration. Treated surfaces should Fendona shoud be throughly mixed with water to give

SAFETY PRECAUTIONS:

- Wear protective clothing: overall, gloves and Do not smoke, drink or eat while working.
- Avoid contact with skin, eyes or clothing. face shield.
- Keep the product away from food, water, animal Do not inhale spray mist.
- Do not apply to surfaces where food is handled. leed and out of reach of children.
- Store the product in its original container tightly Do not apply directly onto animals.
- Do not use them again. Destroy and bury empty packs.

On eye contact: Immediately irrigate affected FIRST AID:

: **ANTIDOTE**:

- On skin contact: Immediately remove with eyelids open. eyes for at least 15 minutes under flowing water,
- Wash affected area thoroughly with soap and skin with plenty of water. contaminated clothing and footwear and flush
- Wash out mouth with clean water. Seek medical If swallowed: DO NOT INDUCE VOMITING. water as soon as possible
- If inhaled: Keep person calm, remove to fresh air. affention immediately.

No spesific antidote. Treat symptomatically

81060925AE1111-Arabic Emirates

قلعونا ٢٪ مركز معلق

FENDONA™6% SC



Net Contents:

سعة العبوة: ١ كي

قلعه نکره قیئه مدان معلق ٢٪ ني يم بي الفاسايبرمثرين ٢٪ Formulation: SC (Suspension Concentrate)

إحفظ المبيد بعيدا عن متناول الأطفال

ولتناكا بلق وننماا ويال

وننما الإنتهاء سنتين من تاريخ المنع

لسنيف – فرنسل متكيشا وشمه

> **†68†6†8000** Batch No.: 2102/70 Man. Date:

Expiry Date: 2 years from Man. Date

Contains: Alphacypermethrin 60 g/l

BASF AGRI Production S.A.S. - France Produced by:

Dubai - UAE P.O. Box 1200 Swaidan Trading CO. (L.L.C.)

Fax: 26 95 313 Tel.: 26 69 522 / 26 87 738

UAE Ministry of Env. &Water reg. no.: 205

TM = BASF trademark



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