

**COYOTE EC300 4X3L BOT IE**Version 1 / IRL
1020000110561/7
Revision Date: 20.08.2007
Print Date: 07.03.2008**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name COYOTE EC300 4X3L BOT IE
Product code (UVP) 06347924
Usage Fungicide
Company Bayer CropScience Ltd
Bayer Ltd
The Atrium, Blackthorn Road
Sandyford
Dublin 18
Ireland

Telephone +353-1-2999313
Responsible Department Email: ukinfo@bayercropscience.com

Emergency telephone number 1800-409-399

2. HAZARDS IDENTIFICATION**Risk advice to man and the environment**

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**Emulsifiable concentrate (EC)
Trifloxystrobin 75 g/l, Fluoxastrobin 75 g/l, Prothioconazole 150 g/l**Hazardous components**

| Chemical Name | CAS-No. / EINECS-No. | Symbol(s) | R-phrases(s) | Concentration [%] |
|-----------------------------------------------|----------------------|-----------|--------------|-------------------|
| Fluoxastrobin | 361377-29-9 | N | R50/53 | 12.90 |
| Trifloxystrobin | 141517-21-7 | Xi, N | R43, R50/53 | 6.50 |
| Prothioconazole | 178928-70-6 | N | R51/53 | 6.50 |
| 2-Ethylhexanol propylene ethyleneglycol ether | 64366-70-7 | Xn | R20, R52/53 | > 1.00 - < 25.00 |
| Alkylaryl polyglycol ether | 104376-75-2 | | R52/53 | > 1.00 - < 25.00 |
| Citric acid | 77-92-9 201-069-1 | Xi | R36 | > 1.00 - < 20.00 |
| gamma-Butyrolactone | 96-48-0 202-509-5 | Xn | R22, R36 | > 25.00 |

For the full text of the R phrases mentioned in this Section, see Section 16.



COYOTE EC300 4X3L BOT IE

Version 1 / IRL
102000011056

2/7
Revision Date: 20.08.2007
Print Date: 07.03.2008

4. FIRST AID MEASURES

General advice

Move out of dangerous area. Place and transport victim in stable position (lying sideways).
Remove contaminated clothing immediately and dispose of safely.

Inhalation

Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.

Skin contact

Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Ingestion

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

Notes to Physician

Treatment

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray
Carbon dioxide (CO₂)
Foam
Sand

Specific hazards during fire fighting

In the event of fire the following can be released:
carbon monoxide (CO)
Hydrogen cyanide (hydrocyanic acid)
hydrogen chloride (HCl)
nitrogen oxides (NO_x)
Hydrogen fluoride
Sulphur oxides

Special protective equipment for fire-fighters

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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with spilled product or contaminated surfaces.
Use personal protective equipment.



COYOTE EC300 4X3L BOT IE

Version 1 / IRL
102000011056

3/7
Revision Date: 20.08.2007
Print Date: 07.03.2008

Environmental Precautions

Do not allow to get into surface water, drains and ground water.
If the product contaminates rivers, lakes or drains inform respective authorities.

Methods for Cleaning Up

Clean contaminated floors and objects thoroughly, observing environmental regulations.
Keep in suitable, closed containers for disposal.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Additional Advice

Information regarding personal protective equipment, see section 8.
Information regarding waste disposal, see section 13.

7. HANDLING AND STORAGE

Handling

Advice on safe handling
Use only in area provided with appropriate exhaust ventilation.

Storage

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

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

Storage stability
Storage temperature > -10 - < 40 °C

Suitable materials
Tinplate with interior lacquer
Coextruded containers with an internal barrier layer made of ethylene vinyl alcohol copolymer (EVOH)
Coextruded containers with an internal barrier layer made of polyamide (PA).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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 Wear respirator with an organic vapours and gas filter mask (protection factor 10) conforming to EN140 type A or equivalent. 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 Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness 0,40 mm). Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination

**COYOTE EC300 4X3L BOT IE**Version 1 / IRL
1020000110564/7
Revision Date: 20.08.2007
Print Date: 07.03.2008

outside cannot be removed. Wash hands always before eating, drinking, smoking or using the toilet.

Eye protection Wear goggles conforming to EN166 (Field of Use 5 or equivalent).

Skin and body protection Wear standard coverall and type 6 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.

Hygiene measures

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

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

| | |
|--------|-----------------|
| Form | liquid |
| Colour | yellow to brown |
| Odour | aromatic |

Safety data

| | |
|----------------------|-----------------------------------------|
| Flash point | 102 °C |
| Ignition temperature | 365 °C |
| Density | approx. 1.16 g/cm ³ at 20 °C |
| Water solubility | emulsifiable |
| Surface tension | 35.9 mN/m |
| Explosivity | Not explosive |

10. STABILITY AND REACTIVITY

| | |
|---------------------|--------------------------------------------------------------------------------------|
| Conditions to Avoid | Extremes of temperature and direct sunlight. |
| Hazardous Reactions | No hazardous reactions when stored and handled according to prescribed instructions. |

11. TOXICOLOGICAL INFORMATION

**COYOTE EC300 4X3L BOT IE**Version 1 / IRL
1020000110565/7
Revision Date: 20.08.2007
Print Date: 07.03.2008

| | |
|---------------------------|--------------------------------------------------------------------------------------------------|
| Acute Oral Toxicity | LD50 (rat) > 5,000 mg/kg |
| Acute Inhalation Toxicity | LC50 (rat) > 4.826 mg/l Exposure time: 4 h Determined in the form of a respirable aerosol. |
| Acute Dermal Toxicity | LD50 (rat) > 4,000 mg/kg |
| Skin Irritation | No skin irritation. (rabbit) |
| Eye Irritation | Slight irritant effect - does not require labelling. (rabbit) |
| Sensitization | Non-sensitizing. (guinea pig) OECD Test Guideline 406, Magnusson & Kligman test |

12. ECOLOGICAL INFORMATION**Ecotoxicity effects**

| | |
|---------------------|----------------------------------------------------------------------------------------------|
| Toxicity to Fish | LC50 (Rainbow trout (<i>Oncorhynchus mykiss</i>)) 0.219 mg/l Exposure time: 96 h |
| Toxicity to daphnia | EC50 (Water flea (<i>Daphnia magna</i>)) 0.25 mg/l Exposure time: 48 h |
| Toxicity to algae | EC50 (<i>Pseudokirchneriella subcapitata</i>) 2.09 mg/l Growth rate Exposure time: 72 h |

13. DISPOSAL CONSIDERATIONS**Product**

It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow container label instructions and applicable local guidelines.

Contaminated packaging

Small containers (< 10 l or < 10 kg) should be rinsed thoroughly using an integrated pressure rinsing device, or, by manually rinsing three times.
Add washings to sprayer at time of filling.
Dispose of empty and cleaned packaging safely.
Follow advice on product label and/or leaflet.

Waste key for the unused product

020108 agrochemical waste containing dangerous substances

14. TRANSPORT INFORMATION**ADR/RID/ADNR**

| | |
|-----------------|-------------|
| UN-Number | 3082 |
| Labels | 9 |
| Packaging group | III |
| Hazard no. | 90 |

**COYOTE EC300 4X3L BOT IE**Version 1 / IRL
1020000110566/7
Revision Date: 20.08.2007
Print Date: 07.03.2008

| | |
|--------------------------|-----------------------------------------------------------------------------------------------------|
| Description of the goods | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (FLUOXASTROBIN, PROTHIOCONAZOLE SOLUTION) |
|--------------------------|-----------------------------------------------------------------------------------------------------|

IMDG

| | |
|--------------------------|-----------------------------------------------------------------------------------------------------|
| UN-Number | 3082 |
| Labels | 9 |
| Packaging group | III |
| EmS | F-A , S-F |
| Marine pollutant | Marine pollutant |
| Description of the goods | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (FLUOXASTROBIN, PROTHIOCONAZOLE SOLUTION) |

IATA

| | |
|--------------------------|-----------------------------------------------------------------------------------------------------|
| UN-Number | 3082 |
| Labels | 9 |
| Packaging group | III |
| Description of the goods | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (FLUOXASTROBIN, PROTHIOCONAZOLE SOLUTION) |

15. REGULATORY INFORMATION**Classification and labelling in accordance with the EC Directive on dangerous preparations 1999/45/EC as amended.**

Classification:

Labelling according to EC Directives

Hazardous components which must be listed on the label:

- Trifloxystrobin
- Fluoxastrobin
- Prothioconazole

Symbol(s)

N Dangerous for the environment

R-phrases)

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S35 This material and its container must be disposed of in a safe way.
S57 Use appropriate container to avoid environmental contamination.

The classification/labelling information below is that which has been approved under 'The European Communities (Authorization, placing on the market, use and control of Plant Protection products) Regulations 2003' and any subsequent amendments and may differ from that indicated by any toxicological and/or other testing otherwise indicated in this 'Safety Data Sheet'.

Symbol(s)

Xi Irritant
N Dangerous for the environment

**COYOTE EC300 4X3L BOT IE**Version 1 / IRL
1020000110567/7
Revision Date: 20.08.2007
Print Date: 07.03.2008

R-phrase(s)

| | |
|--------|--------------------------------------------------------------------------------------------------|
| R37 | Irritating to respiratory system. |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

S-phrase(s)

| | |
|-----|--------------------------------------------------------------------|
| S 2 | Keep out of the reach of children. |
| S23 | Do not breathe spray. |
| S25 | Avoid contact with eyes. |
| S35 | This material and its container must be disposed of in a safe way. |
| S57 | Use appropriate container to avoid environmental contamination. |

Exceptional labelling

To avoid risks to man and the environment, comply with the instructions for use.
Contains trifloxystrobin. May produce an allergic reaction.

Further information

WHO-classification: III (Slightly hazardous)

16. OTHER INFORMATION**Further information**

Text of R phrases mentioned in Section 3:

| | |
|--------|--------------------------------------------------------------------------------------------------|
| R20 | Harmful by inhalation. |
| R22 | Harmful if swallowed. |
| R36 | Irritating to eyes. |
| R43 | May cause sensitization by skin contact. |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

The information given in this Data Sheet has been included in accordance with the guidelines established by Regulation (EC) 1907/2006. This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.

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