

**INFINITO SC687,5 2X10L BOT IE**Version 2 / IRL
1020000110641/7
Revision Date: 20.04.2007
Print Date: 20.04.2007**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name INFINITO SC687,5 2X10L BOT IE
Product code (UVP) 06373046
Usage Fungicide
Company Bayer CropScience
Bayer Ltd
Chapel Lane, Swords
CO Dublin
Ireland

Telephone +353-1-8132222
Telefax +353-1-8132288
Emergency telephone number 1800-409-399

2. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**

Suspension concentrate (=flowable concentrate)(SC)
55.55% Propamocarb hydrochloride (625 g/l) , 5.55% Fluopicolide (62.5 g/l)

Hazardous components

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Propamocarb hydrochloride	25606-41-1 247-125-9	Xi	R43	56.00
Fluopicolide	239110-15-7	N	R50/53	5.60

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

May cause sensitization by skin contact.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES**Inhalation**

If symptoms persist, call a physician. Move to fresh air. Keep patient warm and at rest.

Skin contact

Take off contaminated clothing and shoes immediately. Wash off thoroughly with plenty of water and soap, if available with polyethyleneglycol 400, subsequently rinse with 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. Get medical attention if irritation develops and persists.



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Ingestion

When swallowed accidentally, do not induce vomiting, get medical help. Rinse out mouth and give water in small sips to drink. Ingest activated charcoal.

Notes to Physician

Symptoms

Local:, sensitising effects

Risks

This product, although being a carbamate, is NOT a cholinesterase inhibitor.

Treatment

Initial treatment: symptomatic.
Contraindication: atropine.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry powder

Specific hazards during fire fighting

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

Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

Further information

Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment.

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
Keep in suitable, closed containers for disposal.

Additional Advice

Information regarding safe handling, see section 7.
Information regarding personal protective equipment, see section 8.
Information regarding waste disposal, see section 13.

7. HANDLING AND STORAGE

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Requirements for storage areas and containers

Store in original container.

Keep containers tightly closed in a dry, cool and well-ventilated place.

Keep away from direct sunlight.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

Storage stability

Storage period 24 Months

Storage temperature < 30 °C

Other data Do not store at temperature exceeding 50 °C.

Suitable materials

HDPE (high density polyethylene)

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	No personal respiratory protective equipment normally required. 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 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 3 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.
Hygiene measures	Keep away from food, drink and animal feedingstuffs. Remove soiled clothing immediately and clean thoroughly before using again. Avoid contact with skin, eyes and clothing. Wash hands immediately after work, if necessary take a shower.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

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Form	liquid
Colour	beige
Odour	ester-like
Safety data	
pH	7 at 10 g/l (23 °C)
Freezing temperature	< -20 °C
Boiling point/ range	from 100 °C
Flash point	Not relevant; aqueous solution
Ignition temperature	420 °C
Density	approx. 1.13 g/cm ³ at 20 °C
Water solubility	dispersible
Viscosity, dynamic	520 - 800 mPa.s at 20 °C
Oxidizing properties	No oxidizing properties
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. Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	LD50 (rat) > 2,500 mg/kg
Acute Inhalation Toxicity	LC50 (rat) > 3.195 mg/l Exposure time: 4 h Highest attainable concentration. 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	No eye irritation. (rabbit)
Sensitization	sensitizing (mouse) OECD Test Guideline 429, local lymph node assay (LLNA)



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12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to Fish	LC50 (Rainbow trout (<i>Oncorhynchus mykiss</i>)) 6.6 mg/l Exposure time: 96 h
Toxicity to daphnia	LC50 (Water flea (<i>Daphnia magna</i>)) > 100 mg/l Exposure time: 48 h
Toxicity to algae	EC50 (<i>Pseudokirchneriella subcapitata</i>) > 100 mg/l 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-No.	3082
Labels	9
Packaging group	III
Hazard no.	90
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (FLUOPICOLIDE, SOLUTION)

IMDG

UN-No.	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. (FLUOPICOLIDE, SOLUTION)

IATA

UN-No.	3082
Labels	9
Packaging group	III

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

Classification:

Hazard warning labelling compulsory

Hazardous components which must be listed on the label:

- Propamocarb hydrochloride
- Fluopicolide

Symbol(s)

Xi	Irritant
N	Dangerous for the environment

R-phrases)

R43	May cause sensitization by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S24	Avoid contact with skin.
S35	This material and its container must be disposed of in a safe way.
S37	Wear suitable gloves.
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

R-phrases(s)

R43	May cause sensitization by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S 2	Keep out of the reach of children.
S13	Keep away from food, drink and animal feedingstuffs.
S24	Avoid contact with skin.
S35	This material and its container must be disposed of in a safe way.
S37	Wear suitable gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S57	Use appropriate container to avoid environmental contamination.

Exceptional labelling

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



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Further information
WHO-classification: III (Slightly hazardous)

16. OTHER INFORMATION

Further information

Text of R phrases mentioned in Section 2:

- | | |
|--------|--|
| R43 | May cause sensitization by skin contact. |
| R50/53 | Very toxic 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 EC Directive 1991/155/EC as amended. 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.