

**CONSENTO SC450 2X10L BOT IE**Version 2 / IRL  
1020000046221/8  
Revision Date: 08.01.2009  
Print Date: 27.01.2010**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name CONSENTO SC450 2X10L BOT IE  
Product code (UVP) 05920396  
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**

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

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

Suspension concentrate (=flowable concentrate)(SC)  
33,7% Propamocarb-HCl (375 g/l), 6,7% Fenamidone (75 g/l)

**Hazardous components**

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Fenamidone	161326-34-7	N	R50/53	6.70
Propamocarb hydrochloride	25606-41-1 247-125-9	Xi	R43	33.70
1,2-Propanediol	57-55-6 200-338-0			> 1.00

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

**4. FIRST AID MEASURES****General advice**

Remove contaminated clothing immediately and dispose of safely.

**Inhalation**

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



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### Skin contact

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

### Eye contact

Wash off immediately with plenty of water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

### Ingestion

Do NOT induce vomiting. Rinse mouth. Ingest activated charcoal.

### Notes to Physician

#### Symptoms

Eye and mucous membrane irritation

#### Risks

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

#### Treatment

Treat symptomatically.  
There is no specific antidote.  
Contraindication: atropine.

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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Water spray  
Carbon dioxide (CO<sub>2</sub>)  
Foam  
Dry powder

### Specific hazards during fire fighting

Carbon monoxide (CO)  
Sulphur oxides  
Nitrogen oxides (NO<sub>x</sub>)  
In the event of fire the following may be released:  
Hydrogen chloride (HCl)

### Special protective equipment for fire-fighters

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

### Further information

Contain the spread of the fire-fighting media.  
Extinguishing measures to suit surroundings.  
Do not allow run-off from fire fighting to enter drains or water courses.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Keep people away from and upwind of spill/leak.  
Avoid contact with spilled product or contaminated surfaces.  
When dealing with a spillage do not eat, drink or smoke.

### 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.

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

**7. HANDLING AND STORAGE****Handling**

Advice on safe handling

For personal protection see section 8.  
Ensure adequate ventilation.

Advice on protection against fire and explosion

No special precautions required.

**Storage**

Requirements for storage areas and containers

Store in original container.  
Keep away from direct sunlight.  
Protect from freezing.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

Temperature tolerance -15 °C to 40 °C

Suitable materials

HDPE (high density polyethylene)

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Components	CAS-No.	Control parameters	Update	Basis
Fenamidone	161326-34-7	1 mg/m <sup>3</sup>		OES BCS*
Propamocarb hydrochloride	25606-41-1	1.1 mg/m <sup>3</sup>		OES BCS*
1,2-Propanediol (Total vapour and particulates.)	57-55-6	470 mg/m <sup>3</sup> / 150 ppm (TWA)	2007	ELV (IE)
1,2-Propanediol (Particulate.)	57-55-6	10 mg/m <sup>3</sup> (TWA)	2007	ELV (IE)

\*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

**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.

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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 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.
Hygiene measures	Keep away from food, drink and animal feedingstuffs. Remove soiled clothing immediately and clean thoroughly before using again. Wash hands immediately after work, if necessary take a shower. Smoking, eating and drinking should be prohibited in the application area.
Protective measures	Avoid contact with eyes.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form	suspension
Colour	white
Odour	weak, characteristic

**Safety data**

pH	6.0 - 7.5 at 100 % (20 °C)
Freezing temperature	-17.2 °C
Boiling point/boiling range	approx. 100 °C
Flash point	not applicable
Ignition temperature	450 °C
Autoignition Temperature	The product is not self-ignitable.
Density	approx. 1.12 g/cm <sup>3</sup> at 20 °C
Water solubility	dispersible

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Surface tension	29 mN/m at 20 °C
Explosivity	Not explosive.

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**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.

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**11. TOXICOLOGICAL INFORMATION**

Acute Oral Toxicity	LD50 (rat) > 2,000 mg/kg
Acute Inhalation Toxicity	LC50 (rat) > 5.59 mg/l Exposure time: 4 h Determined in the form of a respirable aerosol.
Acute Dermal Toxicity	LD50 (rat) > 2,000 mg/kg
Skin Irritation	Slight irritant effect - does not require labelling. (rabbit)
Eye Irritation	Irritating to eyes. (rabbit)
Sensitization	Non-sensitizing. (guinea pig) OECD Test Guideline 406, Buehler test

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**12. ECOLOGICAL INFORMATION**

Biodegradability	Not readily biodegradable.
<b>Ecotoxicity effects</b>	
Toxicity to Fish	LC50 (Rainbow trout ( <i>Oncorhynchus mykiss</i> )) 13 mg/l static test; Exposure time: 96 h
Toxicity to daphnia	EC50 (Water flea ( <i>Daphnia magna</i> )) 0.14 mg/l static test; Exposure time: 48 h
Toxicity to algae	IC50 ( <i>Scenedesmus subspicatus</i> ) > 160 mg/l Exposure time: 72 h

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**13. DISPOSAL CONSIDERATIONS**

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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.

**Waste key for the unused product**

020108 agrochemical waste containing dangerous substances

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

UN-Number	<b>3082</b>
Labels	9
Packaging group	III
Hazard no.	90
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (FENAMIDONE SOLUTION)

**IMDG**

UN-Number	<b>3082</b>
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. (FENAMIDONE SOLUTION)

**IATA**

UN-Number	<b>3082</b>
Labels	9
Packaging group	III
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (FENAMIDONE SOLUTION )

**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:

- Fenamidone
- Propamocarb hydrochloride

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Symbol(s)	
Xi	Irritant
N	Dangerous for the environment
R-phrases(s)	
R36	Irritating to eyes.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases(s)	
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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
R-phrases(s)	
R36	Irritating to eyes.
R50/53	Very 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.
S25	Avoid contact with eyes.
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.  
Contains propamocarb-HCl. 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

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 Regulation (EC) 1907/2006. This data sheet complements the user's instructions,



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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.