

**CONSENTO SC450 1X200L BAR WW**Version 1 / EU  
1020000046221/7  
Revision Date: 27.07.2006  
Print Date: 30.10.2006**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name CONSENTO SC450 1X200L BAR WW  
Product code (UVP) 05920396  
Usage fungicide  
Company Bayer CropScience AG  
Alfred-Nobel-Straße 50  
40789 Monheim  
Germany  
Telephone +49(0)2173-38-3373  
Telefax +49(0)2173-38-7394  
Responsible Department Material and Transport Safety Management  
+49(0)2173-38-3409

Emergency telephone number +49(0)2133-51-4233 (Sicherheitszentrale Dormagen, Bayer AG)

**2. 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

**3. 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.

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

Remove contaminated clothing immediately and dispose of safely.

**Inhalation**

If symptoms persist, call a physician. Move to fresh air.

**Skin contact**

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

**Eye contact**

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



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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

eye and mucous membrane irritation

#### Risks

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

#### Treatment

Elementary aid, decontamination and symptomatic treatment.

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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Extinguishing measures to suit surroundings.

water spray  
carbon dioxide (CO<sub>2</sub>)  
foam  
dry powder

### Specific hazards during fire fighting

In case of fire hazardous decomposition products may be produced such as:

carbon monoxide (CO)  
Sulphur oxides  
nitrogen oxides (NO<sub>x</sub>)  
hydrogen chloride (HCl)

### Special protective equipment for fire-fighters

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

Wear full protective suit.

### Further information

Contain the spread of the fire-fighting media.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Use personal protective equipment.

### Environmental Precautions

Do not discharge into the drains/surface water/groundwater.

If the product contaminates rivers and lakes or drains inform respective authorities.

### Methods for Cleaning Up

Take up with absorbent material (e.g. sand, diatomaceous earth or a proprietary absorbent material).

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.

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

## Advice on safe handling

Wear personal protective equipment.

Smoking, eating and drinking should be prohibited in the application area.

Avoid subsoil penetration.

## 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 against frost.

## Advice on common storage

Keep away from food, drink and animal feedingstuffs.

## Storage stability

Storage period 24 Months

Storage temperature &lt; 30 °C

Other data Stable under recommended storage conditions. Do not store at temperature exceeding 50 °C.

## Suitable materials

HDPE (high density polyethylene)

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering measures**

Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

## 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

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should be professionally laundered frequently.

**AGRICULTURAL USES:**

Applicators and other handlers must wear:  
lightweight protective clothing  
rubber apron  
rubber gloves  
Rubber or plastic boots.  
protective eyewear

**Hygiene measures**

Keep away from food, drink and animal feedingstuffs.  
Remove soaked protective clothing immediately.  
After worktime and during work intervals the affected skin areas must be thoroughly cleaned.

**Protective measures**

Avoid contact with eyes.

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

Form	suspension
Colour	white
Odour	weak, characteristic

**Safety data**

pH	7 at 10 g/l (23 °C)
Freezing temperature	-17,2 °C
Boiling point/ range	ca. 100 °C
Flash point	not applicable
Ignition temperature	450 °C
Autoignition Temperature	The product is not self-ignitable.
Density	ca. 1,12 g/cm <sup>3</sup> at 20 °C
Water solubility	completely miscible
Partition coefficient (n-octanol/water)	log Pow: 2,8 The value mentioned relates to the active ingredient fenamidone.
Partition coefficient (n-octanol/water)	log Pow: -2,6 The value mentioned relates to the active ingredient propamocarb-hydrochloride.
Surface tension	29 mN/m at 20 °C
Explosivity	Not explosive

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Thermal decomposition	No decomposition if used as directed.
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) > 2.000 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

**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

**13. DISPOSAL CONSIDERATIONS****Product**

In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

**Contaminated packaging**

Not completely emptied packagings should be disposed of as hazardous waste.

**Waste key for the unused product**

020108 agrochemical waste containing dangerous substances

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

**IMDG**

UN-No	<b>3082</b>
Class	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-No	<b>3082</b>
Class	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

## Symbol(s)

Xi	Irritant
N	Dangerous for the environment

## R-phrases)

R36	Irritating to eyes.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## S-phrases)

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.



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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)

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**16. OTHER INFORMATION**

**Further information**

Text of R phrases mentioned in Section 2:

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.