

# Material Safety Data Sheet

According to 91/155/EC



*Issued on* : 27/05/99  
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*Product* : **MARBOCYL 10 %**

Laboratoires VETOQUINOL  
Veterinary Pharmaceutical specialities  
34, Rue du Chêne Sainte-Anne  
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France  
Tel. 33 3 84 62 55 55  
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## SPECIFIC RISKS

None

This product is not classified as a "dangerous preparation" according to the provisions of Appendix IV of Guideline 67/548/CEE

## 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Trade name : MARBOCYL<sup>®</sup> 10 %  
Manufacturer/Supplier : VETOQUINOL Laboratories  
Service to contact : Pharmacovigilance Office  
Emergency telephone : 33 3 84 62 55 55  
Type of use : Veterinary Medicinal product  
Anti-infectious for cattle and pigs  
Other data : Solution for injection – List 1

## 2. CHEMICAL CHARACTERISTICS

Marbofloxacin	10 g
Disodium edetate	0.01 g
Monothioglycerol	0.1 g
m-cresol	0.2 g
Excipient	to 100 ml

## 3. HAZARD IDENTIFICATION

Marbofloxacin :

Slightly irritating for skin with red spot symptoms and itching. Slightly irritating for eyes.

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## 4. FIRST-AID MEASURES

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- Inhalation : Move the patient away from the contaminated area and place it in the open air.
- Skin contact : Remove soiled clothing. Wash skin with plenty of water
- Eye contact : Flush immediately with plenty of water (for a least 15 minutes) and maintain the eyelids open. In case of irritation, consult an ophtalmologist.
- Ingestion : Rinse mouth with water. Contact the closest Anti-Poison Centre.
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## 5. FIRE-FIGHTING MEASURES

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Not concerned.

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## 6. ACCIDENTAL RELEASE MEASURES

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- Personal precautions : Avoid contact with skin and eyes.
- Environmental precautions : Do not allow the product to spread into the environment.
- Cleaning method : Impound and absorb with inert absorbents, collect the absorbents in a tight container.
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## 7. HANDLING AND STORAGE

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Store at ambient temperature.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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Observe the precautionary measures that usually apply to the use of chemical products.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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- Appearance : Clear solution
- Colour : Yellow-green to yellow-brown
- Characteristic temperatures :
- pH : 3.0 – 4.5
- Density :
- Solubility :
- Other data :
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## 10. STABILITY AND REACTIVITY

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Stability : Stable under normal use conditions  
Hazardous reactions : None under normal use conditions

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## 11. TOXICOLOGICAL INFORMATION

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### Raw material toxicity :

#### Marbofloxacin

LD <sub>50</sub>	(p.o./mouse) =	1781 mg/kg
	(s.c./mouse) =	1121 mg/kg
	(p.o./rat) =	3772 mg/kg
	(s.c./rat) =	1837 mg/kg

Product toxicity : Non toxic

### Other toxicological information :

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## 12. ECOLOGICAL INFORMATION

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### Marbofloxacin

265 mg/l < CE<sub>50</sub> (48 h/Daphnia magna) < 283 mg/l  
62.3 mg/l < NOEC (48 h) < 127 mg/l  
Log Kow = - 0.835 at pH 7  
Solubility in water = 7.52 mg/l at pH 7

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## 13. DISPOSAL CONSIDERATIONS

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Dispose of this product and its container at a hazardous or special waste collection centre.

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## 14. TRANSPORT INFORMATION

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Transport by truck or railway : Not regulated  
Transport by sea : Not regulated  
Transport by air : Not regulated

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## 15. REGULATORY INFORMATION

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Labelling : According to own criteria  
Symbols : None  
Risk-phrase : None  
Safety-phrase :

S 2 : Keep out of the reach of children  
S 15 : Keep away from heat  
S 24/25 : Avoid contact with skin and eyes  
S 56 : Dispose of this product and its container at hazardous or special waste collection point.  
S 61 : Avoid release to the environment. Refer to special instructions/Safety data sheet.

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## 16. OTHER INFORMATION

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This document supplements the technical information notices but does not replace them. The information it contains are based on our knowledge relating to the product concerned on 27/05/99. They are issued in good faith.

The attention of users is also drawn to the potential risks incurred when a product is used for purposes other than those for which it was designed.

Under no circumstances does it exempt the user from familiarisation and implementation of all the texts governing his activity. He alone is responsible for implementing all precautions linked to the use of the product with which he is acquainted.

The purpose of all the regulations mentioned is to assist the end user to fulfil the obligations incumbent upon him during the handling of hazardous products.

This list must not be considered exhaustive. It does not exempt the user from ensuring that other obligations are binding upon him on the basis of texts in addition to those quoted and governing the possession and the use of the product for which he is alone responsible.