

## Metolazon Abcur

**M R F**

### Abcur

Tablett 5 mg

(Rund, plan, vit till off white tablett med fasade kanter och en brytskåra på ena sidan, Ø 7 mm)

Diuretikum

### Aktiv substans:

Metolazon

### ATC-kod:

C03BA08

Läkemedel från Abcur omfattas av Läkemedelsförsäkringen.

## Miljöpåverkan

### Metolazon

Miljörisk: Risk för miljöpåverkan av metolazon kan inte uteslutas då ekotoxikologiska data saknas.

Nedbrytning: Det kan inte uteslutas att metolazon är persistent, då data saknas.

Bioackumulering: Metolazon har låg potential att bioackumuleras.

# Detaljerad miljöinformation

## Environmental Risk Classification

### *Predicted Environmental Concentration (PEC)*

PEC is calculated according to the following formula:

$$\text{PEC}(\mu\text{g/L}) = (A \cdot 10^9 \cdot (100 - R)) / (365 \cdot P \cdot V \cdot D \cdot 100) = 1,5 \cdot 10^{-6} \cdot A \cdot (100 - R)$$

$$\text{PEC} = 0,00022 \mu\text{g/L}$$

Where:

A = 1,4978 kg (total sold amount API in Sweden year 2018, data from IQVIA).

R = removal rate = 0% (no data available)

P = number of inhabitants in Sweden =  $9 \cdot 10^6$

V (L/day) = volume of waste water per capita and day = 200 (ECHA default) (Ref. 1)

D = factor for dilution of waste water by surface water flow = 10 (ECHA default) (Ref. 1)

## Ecotoxicological studies

No ecotoxicological data available.

## Degradation

No degradation data available.

## Bioaccumulation

## *Partitioning coefficient*

An experimentally derived Log  $K_{ow}$  of 1,84 (unknown method) (Ref. 2) indicates that metolazone has low potential for bioaccumulation.

Log  $K_{ow} < 4$  which justifies use of the phrase “Metolazone has low potential for bioaccumulation”.

## **References**

1. ECHA, European Chemicals Agency. Guidance on information requirements and chemical safety assessment. Ver 2.1, 2011.  
[http://echa.europa.eu/documents/10162/13643/information\\_requirements](http://echa.europa.eu/documents/10162/13643/information_requirements)
2. Meylan WM and Howard PH (1995), ChemID+, US National Library of Medicine, National Institutes of Health,  
<http://chem.sis.nlm.nih.gov/chemidplus/chemidheavy.jsp>