



IOI OLEOCHEMICAL

PHARMA

# EXCIPIENTS FOR VETERINARY APPLICATION

**Our specialties for Veterinary  
Applications are used for companion  
as well as for farm animals in**

- Injectables - SC and IM
- Infusions - IV
- Oral (e.g. paste, drench)
- Pour-on / Spot-on formulations
- Tick and flea collars



**MIGLYOL<sup>®</sup>**  
**IMWITOR<sup>®</sup>**

**Lipid-based excipients and active pharmaceutical ingredients used for veterinary formulations**

With a strong commitment to quality and regulatory leadership in pharmaceutical oleochemicals.

“Made in Germany”, since decades produced in our site in Witten, our specialties are repeatedly EU GMP-certified as well as US FDA cGMP inspected.

## INJECTABLES AND INFUSIONS:

### **MIGLYOL® MCT neutral oils (C8/C10 triglycerides)**

#### **- MIGLYOL® 810 N**

Medium-Chain Triglyceride (ratio ~ 70:30% C8/C10)

#### **- MIGLYOL® 812 N**

Medium-Chain Triglyceride (ratio ~ 60:40% C8/C10)

#### **- MIGLYOL® 840**

Propylene Glycol Dicaprylocaprate

#### **Approved ingredient:**

As carrier oil in veterinary injections and infusions (e.g. Amoxicillin and Cephalosporins like Cephalexin, Ceftiofur)

## INFUSIONS:

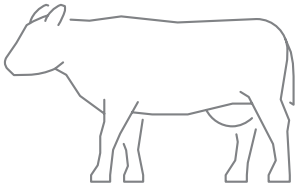
### **MIGLYOL® 829**

Caprylic/Capric/Succinic Triglyceride

Neutral, stable oil of high viscosity (~ 230 mPa·s) and with a density of ~ 1.01 g/kg, based on MCT and succinic acid. Acts as an emulsion stabilizer.

#### **Approved ingredient:**

Antibiotic infusion for treatment of mastitis of dairy cows (e.g. Cefuroxime)



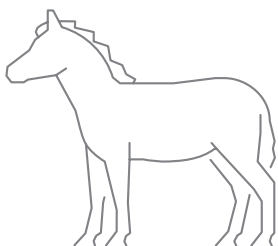
## ORAL:

### **MIGLYOL® 840**

Propylene Glycol Dicaprylocaprate  
C8/C10 ester based on propylene glycol

#### **Approved ingredient:**

- In pasty formulations for horses as prevention and treatment of gastric ulcer (e.g. Omeprazole)
- Oral drench for the treatment of gastrointestinal roundworms (e.g. Albendazole)



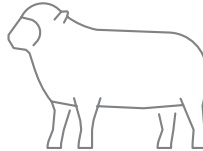
## POUR-ON / SPOT-ON:

### **MIGLYOL® 840**

Propylene Glycol Dicaprylocaprate  
C8/C10 ester based on propylene glycol

#### **Approved ingredient:**

Due to its excellent spreading effect used in Pour-on / Spot-on formulations for the treatment against insects and internal / external parasites (e.g. Ivermectin resp. Imidacloprid + Permethrin)



## POUR-ON:

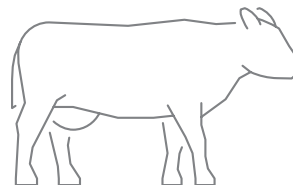
### **IMWITOR® 988**

Glycerol Monocaprylate, Type I

Medium Chain Partial Glycerides, derived from glycerol and caprylic acid, acts as penetration enhancer and solvent.

#### **Approved ingredient:**

Pour-on formulations for the treatment of pain, fever and acute inflammation in cattle (e.g. Flunixin meglumine)



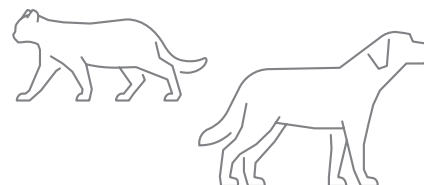
## TICK AND FLEA COLLAR:

### **MIGLYOL® 840**

Propylene Glycol Dicaprylocaprate  
C8/C10 ester based on propylene glycol

#### **Approved ingredient:**

Tick and flea collar for companion animals (e.g. Imidacloprid + Permethrin)



**Leading global expert and innovator  
of functionalised ester-based lipids  
with added value for pharma solutions.**

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