



Technical Data Sheet

# DEUTERON OG 250

Paraffin Wax dispersed in water

**Deuteron**<sup>®</sup>  
ADDITIVES TO YOUR SUCCESS

## ■ Product Characteristic

Appearance	white suspension
Density	approx. 1.01 g/cm <sup>3</sup>
Melting point	58 °C
Particle size	approx. 2.5 µm
Solid content	20 %
Viscosity	approx. 800 mPa*s



## ■ Product Description

Deuteron OG 250 is a low melting paraffin preparation in water and contains a polymeric protective colloid instead of an emulsifier. Initially developed as a temporary, removable protective coating in automotive applications (by applying the pure product by spray application) Deuteron OG 250 can also be used as an additive in a wide range of water-based coatings and inks.

Deuteron OG 250 is an easy to use liquid that is suitable for the use in auto dosage units.

## ■ Applications

Deuteron OG 250 is suitable for a wide range of applications including:

- › Wood and joinery coatings
- › Overprint varnishes

The use of Deuteron OG 250 especially improves performance in:

- › Slip reduction
- › Anti-Blocking
- › Water beading
- › Rub resistance

## ■ Dosage

1 - 5 % (calculated on the complete formulation) depending on binder, application and required properties.



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## ■ Processing

Deuteron OG 250 is easy to disperse and can be incorporated using a common high-speed stirrer. It is recommended to add Deuteron OG 250 while stirring to avoid eventual agglomeration caused by concentration differences.

Because of the low melting point it is not recommended to add Deuteron OG 250 under high shear stress (i. e. during pigment grinding) as temperatures above 50 °C can lead to a significant agglomeration of molten wax particles.

## ■ Storage Conditions

12 months at room temperature and dry conditions. Storage temperature should not exceed 35 °C.

## ■ Package Sizes

Plastic barrel (25 kg net)

## ■ Safety

According to Regulation (EC) No. 1272/2008 Deuteron OG 250 is not classified as a dangerous product and therefore does not need to be labelled.

For detailed information please refer to the Safety Data Sheet and Regulatory Information Sheet. The documents are also available on our website:

<https://www.deuteron.com/en/download-center/>

## ■ Deuteron: First class products for the coating industry

Deuteron GmbH successfully develops and sells innovative additives since 1977. Our product range consists of matting agents, anti-static additives, texturing additives, thickeners and UV initiators. In the course of our company history we have become an important partner of the national and international paint, lacquer and coating industry with sales partners around the globe.

This leaflet intends to give technical advice without warranty and does not claim to be complete.



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