



Technical Data Sheet

DEUTERON WS

Flow and Leveling Additive for Water Based Systems

Deuteron[®]
ADDITIVES TO YOUR SUCCESS

■ Product Characteristic

Appearance	clear colourless liquid
Bulk Density	approx. 0.96 g/l
Viscosity	approx. 80 mPa*s
Active content	50 %
Solvent	Butylglycol



■ Product Description

Deuteron WS is based on a highly compatible polyether-silicone blockpolymer and leads to a significant reduction of surface tension. Thus, the use of Deuteron WS improves the flow and levelling properties of water-based coatings and inks.

■ Applications

Deuteron WS is suitable for all aqueous formulations. The addition of Deuteron WS specifically improves:

- › Surface flow and smoothness
- › Slip properties and thus improved scratch resistance
- › Surface wetting
- › Shine / Gloss
- › Orientation of matting agents, pigments and fillers

Deuteron WS does not affect recoatability and does not show any incompatibilities like cratering.

■ Dosage

0.1 - 1.0 % (calculated on the complete formulation) depending on binder, application and required properties.



Technical Data Sheet

DEUTERON WS

Flow and Leveling Additive for Water Based Systems

Deuteron[®]
ADDITIVES TO YOUR SUCCESS

■ Processing

Deuteron WS can be added at any stage of the manufacturing process. It is easily dispersible and should be added while stirring.

■ Storage Conditions

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

■ Package Sizes

Steel drum (25 kg net)
Steel drum (200 kg net)

■ Safety

According to Regulation (EC) No. 1272/2008 Deuteron WS is classified as a dangerous product and therefore does 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.



DEUTERON GmbH
In den Ellern 2-4
28832 Achim, Germany

Phone: +49 (0) 421 48 99 03-0
Fax +49 (0) 421 48 99 03-60

Mail contact@deuteron.com
URL www.deuteron.com

© 10.21 EN
081-122153