

DEUTERON LE 80

Additive for the increase in conductivity
of electrostatically sprayed lacquers

/ Chemical Description

Tetraalkylammoniummethylsulphate 80% solution in n-butanol

/ Physical Data

Appearance	light liquid
Viscosity	approx. 150 mPa·s
Specific Weight	approx. 0,94 g/cm ³
pH-Value	approx. 8 (1 % in dist. water)
Flash Point	35 °C



/ Properties

Because of its cationic character and the extreme polarity of Deuteron LE 80, the electric resistance of organic solvents and their mixtures is considerably reduced - even when using small quantities.

Deuteron LE 80 is soluble in all common lacquer solvent mixtures, sometimes being slightly cloudy.

/ Application

Deuteron LE 80 can be used in air-drying primers and coatings, baking enamels, 2-compound systems and wood finishes.

/ Dosage

Depending upon the polarity of the electrostatic spraying lacquer 0,2 - 2,5 % calculated on the total formulation. The exact dosage should be determined by own trials.

/ Processing

Deuteron LE 80 can be added to the final product with a simple stirrer.

/ Storage conditions

Deuteron LE 80 can be stored in its original tightly closed containers for at least 24 months at room temperature. Deuteron LE 80 solidifies below 0 °C. When warmed up it liquefies again.

/ Package Sizes

Sheet steel hobcock UniGrip (25 kg net)
Steel barrel with lid (185 kg net)

/ Safety Regulations

According to Regulation Deuteron LE 80 is classified as a dangerous product and therefore needs to be labeled. For more information please consult the safety data sheet.

/ Deuteron: First-class products for the coatings industry

Deuteron GmbH has 30 years of experience in the production and sales of additives including: matting agents, conductivity agents and UV initiators. In the course of our company's 30-year history, we have become an important partner for the paint, lacquer and coatings industry – we operate nationally and internationally and are represented all over the globe. We serve you with

the dependability and close business relationship that only an owner-operated, medium-sized company can offer – and we also have the expertise of a global provider. Get in touch with us! We are happy to be of assistance and to help find individual solutions for your needs.



/ Visit us on the Internet

You can find detailed information on all our products at www.deuteron.com. Matting and texturing agents, surface additives, UV initiators and much, much more: We supply first-class

products and look back on more than 30 years of experience as an important partner for the coatings industry.

/ Conductivity Agents from our portfolio

Deuteron LE 80

Deuteron LE 100 LV

Deuteron LE 151

Deuteron LE 215

Deuteron LE 512

Deuteron LE 829

Deuteron LE 947

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