

# DEUTERON LE 947

Additive to increase the conductivity of lacquers for electrostatic spraying

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## Chemical Description

Tetraalkylammoniumethylsulphate combined with a bivalent alcohol

## Physical Data

Appearance	light yellow liquid
Viscosity	approx. 400 mPa·s
Specific Weight	approx. 0,98 g/cm <sup>3</sup>
pH-Value	app. 8 (1 % in dist. water)
Flash Point	134 °C

## Properties

Because of its cationic character and the high polarity of DEUTERON LE 947, it reduces the electrical resistance of solvents and their mixtures. The product is compatible with most of the binders common in the paint industry. It is of high effectiveness, thus making it possible to obtain the required conductivity already with a small addition of the product. Generally there is no impact on drying and adhesion of the coating system.

## Application

DEUTERON LE 947 is designed to be used in solvent-based finishing coatings and primers to decrease the electrical resistance respective to adjust the conductivity for electrostatic spraying.

## Dosage

The dosage depends upon formulation. The used solvents have an impact on the polarity of the system. This causes different dosages of the additive. Addition of 0,2 - 1,5 % calculated on total formulation is known from practice. The exact dosage should be determined by own trials.

## Processing

DEUTERON LE 947 can be added to the finished product.

## Storage Conditions

DEUTERON LE 947 can be stored in its original tightly closed containers for at least 24 months at room temperature. DEUTERON LE 947 solidifies at low temperatures. It liquefies again when warmed up.

## Package Sizes

Sheet steel hobbock UniGrip (25 kg net)

## Safety Regulations

DEUTERON LE 947 is classified as a dangerous product according to the EU Directive 67/548/EWG and its amendments and therefore has to be marked: Xn - less toxic  
N - dangerous for the environment

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

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Page 1 of 1