



CleanSafe®



Anti-static and protection features

An essential feature of cleaning- and protection products is the prevention of and protection against new build up of dust.

ANTI-STATIC

Statically charged surfaces easily attract dust. The cleaning of and protection against static charges of surfaces is therefore of utmost importance.

Liquids in general have a high conductivity (e.g. water in combination with power) and therefore a low resistance. To clean surfaces from static charges a fluid with a high resistance is required.

The reduction of this resistance is almost always done with some form of alcohol (with exception of CleanSafe®)

One of the important characteristics of CleanSafe® is that it, although it is a liquid without any alcohol etc. the conductivity is extremely low (high resistance). This high resistance factor of CleanSafe® is also responsible that static charges can be very effectively removed and that cleaning in general is also easy.

PROTECTION

Many surfaces (especially those in electrically charged systems) become easily static again by just using the equipment.

One of the other characteristics of CleanSafe® is the high resistance factor as a feature in the ultra-thin protection layer. This layer is automatically applied when cleaning a surface. This layer, which you can feel (soft) is invisible and optical neutral, and ensures prevention of easy rebuild of static charges and repels dust. The CleanSafe® protection layer is one of the unique characteristics of the product.

TECHNICAL

In technical terms: the micro-Siemens value (S/cm) of CleanSafe®, in which there is no alcohol, solvent or anything alike, is extremely low. The micro-Siemens value varies, depending on temperature and environment, between 16% and 22% of that of water.

n.b.: the low micro-Siemens value, conductivity and high resistance of CleanSafe® have as an additional advantage that accidental contact with conductive parts will often not cause any problem.